GREEN SCHOOLS AWARDS

FEBRUARY 21, 2023
GSP
A Curtain-raiser
https://youtu.be/pfLp9XbgJ0o
LOOKING BACK

- GSP Audit launched in its original avatar after 3 years
- Last 3 years have been years of innovation, newness and redefinition
- Climate change education became an overarching theme
- A network of multipliers and changemakers grew stronger

20,000+ students
3,000+ educators
1,000+ schools
GSP AUDIT 2022-23

- GSP back with all 6 sections — Air, Energy, Food, Land, Water, Waste
- 707 schools from 29 states and UTs submitted GSP Audit
- Highest submissions from Himachal Pradesh (114), Andhra Pradesh (97) and Punjab (94)
- 606 secondary schools and 101 primary schools
- 436 government schools; 55 government-aided schools; and 216 private schools
GSP AUDIT 2022-23: RATINGS

- Green: 36.2%
- Yellow: 44.6%
- Orange: 15.0%
- Red: 4.2%

Legend:
- Green
- Yellow
- Orange
- Red
GSP Audit 2022-23: Report Card

- 67% schools do not use or own vehicles
- 22% schools only use sustainable motorised vehicles and non-polluting modes of travel
- 18% schools use alternative sources of energy
- 74% schools have reported use of energy efficient lighting
- 18% schools sell packaged foods; 25% still distribute packaged foods as refreshments
- 66% schools have 30 per cent or more green cover; pesticide usage is minimal
- 66% schools use groundwater, while only 27% of these recharge
- Overall, 51 per cent schools have rainwater harvesting systems, though only 9% of these have filter units
- 86% schools segregate waste; 61% schools compost wet waste
- 13 per cent schools burn waste, half of these burn inside the school
NOYES MAT. HR. SEC. SCHOOL

ORANGE TO GREEN

Compost pit

Audit team of school

Steel bottles and lunch boxes

Rainwater storage

Student bicycles
NOYES MAT. HR. SEC. SCHOOL, TAMIL NADU
ORANGE TO GREEN

- Window-to-floor ratio 27%
- **Non-polluting modes of travel** increased from 35% in 2021 to 67%:
  - Increased from 88 to 232
  - Increased from 196 to 330
- No. of **LEDs** increased from 5 to 50; CFL decreased from 30 to 5
- Started **segregating** in more than 3 categories — wet, dry, sanitary, electronic — as against 2 categories in 2021
- Banned packaged food items on premises
- Increased **green area** from 32 to 49%
GLOBAL PUBLIC SCHOOL, KERALA
YELLOW TO GREEN

Students doing audit activities
Solar panels, heaters & vertical garden
Biogas plant
Cleanliness drives
Student worksheet
GLOBAL PUBLIC SCHOOL, KERALA
YELLOW TO GREEN

- **Biogas plant** capacity increased from 30 kg in 2019 to 2400 kg in 2022
- Mixed-bin waste collection points phased out completely. **2-bin and 3-bin** collection points increased from 78 in 2021 to 115 in 2022
- Plastic waste reduced from 250 to 5 kg: strict post-covid plastic ban
- **Banned packaged food** items on premises
- Introduced vertical gardens and quick wash setting appliances
- Around **95% wet and dry waste processed/recycled**
- Environment education: Food & nutrition offered as a subject in Grades 9-11
- Active association with local NGOs and community to stop marine pollution, littering and linear consumption of resources
GREEN SCHOOLS AWARDS
2022-23

BEST GREEN STATE & DISTRICT
## HIMACHAL PRADESH AND SOLAN

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<th>Total Submissions</th>
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<td><strong>Himachal Pradesh</strong></td>
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<td>(Best State)</td>
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<td><strong>Solan</strong></td>
<td>61</td>
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<td>(Best District)</td>
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GREEN SCHOOLS AWARDS 2022-23

GSP STERLING SCHOOL AWARDS
Schools rated green for five or more consecutive years
ASHOK MEMORIAL PUBLIC SCHOOL
FARIDABAD, HARYANA

- Renewable energy: **90kw solar panels** installed; electricity bill reduced to 50%
- Around 40 per cent green area
- Practice rainwater harvesting
- **No use of diesel and petrol**
- Around 99 per cent population uses sustainable or non-polluting modes of transport
98% population uses sustainable or non-polluting travel modes

Almost 100 per cent waste recycled within school

Donate books and clothes: on campus and out of campus

Environment education: Regular community drives, school initiatives, collaborative work with NGOs and RWAs

Solar panels

Plantation drives

Awareness drives: nukkad natak

Vertical Garden
BAL BHARATI PUBLIC SCHOOL
IMT MANESAR, HARYANA

- 98% population uses sustainable or non-polluting travel modes; 50% green area
- 100% LED lighting in school
- Complete ban on packaged food; 0 mixed waste bins; almost 100% wet, dry and e-waste recycled
- Environment education: Regular community drives, school initiatives, collaborative work with NGOs and RWAs

‘Meet the Herbs’ initiative  Solar panels  Green area  Compost pit
EAST POINT SCHOOL, NEW DELHI

- No use of petrol and diesel; more than 92% population uses sustainable and non-polluting travel modes
- 100% LED lighting; use solar energy
- Practice rainwater harvesting, on-site paper recycling, natural composting
- School community follows Green Campus Policy
Indirapuram Public School
Pratap Vihar, Uttar Pradesh

- 99% population uses SMV and NPT
- 0 mixed-waste dustbins — complete segregation at source
- Packaged food banned on campus
- Nearly 100% wet and dry waste processed/recycled
- Green School Policy implemented by school community
KENDRIYA VIDYALAYA WCL NEW MAJRI
CHANDRAPUR, MAHARASHTRA

● Fruit and kitchen garden developed by school with 12+ species
● 93% population uses SMV and NPT
● **100%** energy consumption met through solar; no use of petrol and diesel
● Packaged food not allowed on campus
● Nearly **100%** wet and dry waste processed/recycled
MAHINDRA WORLD SCHOOL, TAMIL NADU

- **97% LED lighting**
- Complete **ban on packaged food**
- **60% green area**
- Float valves and spill-proof taps installed to avoid water wastage
- **Wastewater treated** and reused for flushing
MOTILAL NEHRU SCHOOL OF SPORTS, RAI SONIPAT, HARYANA

- Alternate source of energy: Solar panel, solar water heaters and street lights — electricity bill reduced by 50%
- Wastewater from hostels and residences treated and reused for irrigation
- Treat 100% wet waste on campus
- Practice rainwater harvesting
SACHDEVA GLOBAL SCHOOL, NEW DELHI

- Alternate source of energy: solar panels
- Kitchen and herbal garden in school with around 55% green area
- Rainwater harvesting; Wastewater treated in school
- Complete ban on plastics in canteen
- Regular rallies held in and around schools to raise awareness
SALWAN PUBLIC SCHOOL, Ghaziabad, UP

- **Biogas** generated on campus with wet waste; used to make food
- **Bio enzyme cleaners** used; chemicals phased out
- Almost 100% rainwater harvested to recharge groundwater
- Only 2 and 3-dustbin waste collection points installed
- Close to **100% wet, dry and electronic waste recycled**
- **Camp Anubhuti** encourages students to adopt sustainable ways of living
- Students adopt saplings in the kitchen garden
ST. EDMUND’S SCHOOL, JAIPUR, RAJASTHAN

- Alternate source of energy — solar panels; electric vehicles for commuting
- 40 percent green area
- Practice rainwater harvesting, use leftover water in water bottles for watering the plants
- School does not use or own vehicles
- Around 95% population use sustainable or non-polluting mode of transport

Consistent participation in GSP Audit
Waste segregation
Solar panels
Rainwater harvesting
GREEN SCHOOLS AWARDS
2022-23

BEST NEWCOMER AWARD
CAMBRIDGE SCHOOL, INDIRAPURAM, UP
CAMBRIDGE SCHOOL, INDIRAPURAM, UP

- 95% population uses **SMV and NPT**
- 83% LED lighting
- Packaged food not allowed on campus
- **Bio enzyme cleaners** used instead of chemicals
- 50% green area
- Float valves, spill proof taps and dual flush installed to conserve water
- All waste collection points have 2 or 3 dustbins
- AC reject water is used for laboratory purposes
- Landscaping done with all **native plant species**
GREEN SCHOOLS AWARDS
2022-23

GSP SECTION AWARDS
Schools with best practices in an audit section
SUBODH PUBLIC SCHOOL AIRPORT, RAJASTHAN
AIR MANAGER AWARD

Students using non-polluting modes of travel

Solar panels

Green area

Electric vehicles
SUBODH PUBLIC SCHOOL AIRPORT, RAJASTHAN
AIR MANAGER AWARD

- **No** use of diesel and petrol
- Green area is 69%
- In 2021, 25% population used non-polluting modes of travel. In 2022, it increased to 89%
- 98% population uses sustainable and non-polluting modes of travel
- 50% of energy consumption met by solar
- Electric vehicles bought and/or hired by schools
DR. RAJENDRA PRASAD KENDRIYA VIDYALAYA, DELHI
GSP ENERGY MANAGER

Waste segregation

Solar panels

Green campus

Bicycle donation

Bicycle rally
100% solar campus; panels installed in 2015
100% LED bulbs and tubelights
95% population uses sustainable and non-polluting mode of transportation
School does not use or own vehicles
More than 50% green area
Complete ban on junk food and single-use plastic
Distributed 50 cycles to meritorious and needy students under PM foundation ONGC project to promote green, clean & pollution free environment
SHIV NADAR SCHOOL NOIDA, UP
GOOD FOOD AWARD

Food prepared in school

Students eating mid-day meal

Tracking food wastage

Source segregation & composting

Monthly meal plan
Seasonal vegetables grown on campus: 5 kg monthly produce

Complete ban on distribution of packaged food in school campus

Food wastage tracked every day to determine patterns & solutions. ‘Food warriors’ create awareness to reduce wastage.

Nutritionist on board to ensure balance diet and holistic menu for overall development.

Completely eliminated plastic from canteen; mid-day meal served in steel plates.

100% wet waste composted in school.
G.S.S.S. HIMGIRI, CHAMBA, HP
GSP LAND MANAGER AWARD

Green area in school & plantation initiatives
G.S.S.S. HIMGIRI, CHAMBA, HP
GSP LAND MANAGER AWARD

- Green area 52%
- **150 animal species** and above **50 plant species** in school
- Natural composting practised; 10 kg compost generated monthly
- Each **plant assigned to 3 students** who take care of it
- Water from dishwashing (last batch) is used for gardening
- Waste segregation: **Plastic waste reused** to create boundaries around plants; also used as teaching aids — shapes & decorative items
CHRIST ACADEMY CBSE SCHOOL, KARNATAKA
WASTE WARRIOR AWARD

3-bin source segregation

Green area in school

Biogas plant
CHRIST ACADEMY CBSE SCHOOL, KARNATAKA
WASTE WARRIOR AWARD

- **Waste segregation** into more than 4 categories: Wet; dry (paper, plastic); sanitary; electronic
- Only **2 and 3-dustbin collection points** installed
- 3 bins installed in each classroom: plastic, paper and wet
two-bin collection points increased from 26 to 87 (from 2021 to 2022)
- **100%** wet and dry **waste recycled**
- **Biogas** produced and used in school for cooking — monthly production of 14 KG
- No use of petrol and diesel
- More than **2000 textbooks** collected, reused or recycled every year
GREEN SCHOOLS AWARDS 2022-23

GSP AMBASSADORS
RECOGNISING GSP AMBASSADORS

Ashu Ratra
Shiv Nadar School
Noida, Uttar Pradesh

Bharat Laxman Godambe
Sacred Heart School
Mumbai, Maharashtra

Gnanasekar Y
Lake Montfort School
Bengaluru, Karnataka

Mamta Sharma
Prudence School
New Delhi

Manisha Srivastava
Delhi Public School, Gautam
Buddh Nagar, Uttar Pradesh

Namrata Jit Kaur
Modern Public School,
New Delhi

Neerja Bhatnagar
Bal Bharati Public School
Noida, Uttar Pradesh
RECOGNISING GSP AMBASSADORS

Neeti Bhatia
St. Edmund’s School
Jaipur, Rajasthan

Priyanka Grover
Queen’s Valley School
New Delhi

Pooja Goel
MRG School
New Delhi

Ranjan Lata
G.B.S.S.S. Nalagarh
Himachal Pradesh

Poornima Kumari,
GHS Gulela, Hamirpur,
Himachal Pradesh

Shweta Verma
Bal Bharati Public School, IMT Manesar
Haryana
GREEN SCHOOLS AWARDS
2022-23
GSP GOLD PARTNERS
ANDHRA PRADESH NATIONAL GREEN CORPS

Partnership since 2016
Audit submissions 2022-23: 97 schools
BHARTI FOUNDATION

Partnership since 2015
Audit submissions 2022-23: 112 Schools
MONTFORTIAN EDUCATION FOUNDATION

Partnership since 2016
Audit submissions 2022-23: 10 schools
HIMACHAL PRADESH COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT (HIMCOSTE)

Partnership since 2011
Audit submissions 2022-23: 114 schools
STUDENT ACTIVITY AWARDS

gobar times  DESIGN STUDIO

THE BOUT

THE BIG IDEA
# GREEN SCHOOLS

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