



THE GREEN SCHOOLS
CARNIVAL
2023



GREEN SCHOOLS AWARDS



FEBRUARY 21, 2023



GREEN SCHOOLS AWARDS



GSP

A Curtain-raiser

<https://youtu.be/pfLp9XbgJoo>



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+

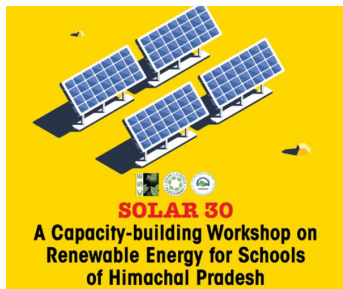
educators

1,000+

schools



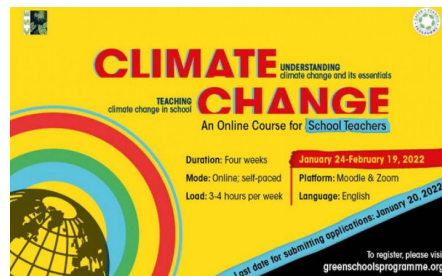
THE GSP COMMUNITIES



Solar 30



Forum of schools that segregate



Climate Change Leaders



Audit@Home

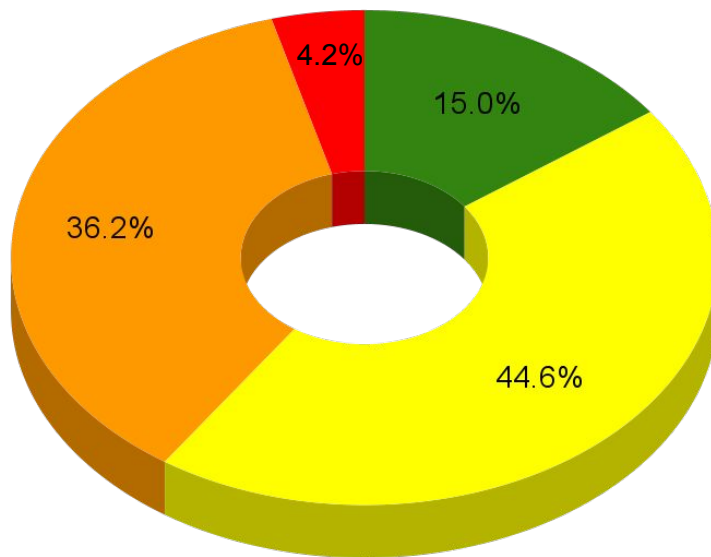


GSP AUDIT 2022-23

- 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
 ● 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





CHANGEMAKER AWARDS

NOYES MAT. HR. SEC. SCHOOL

ORANGE TO GREEN



Compost pit



Rainwater storage



Audit team of school



Steel bottles and lunch boxes





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

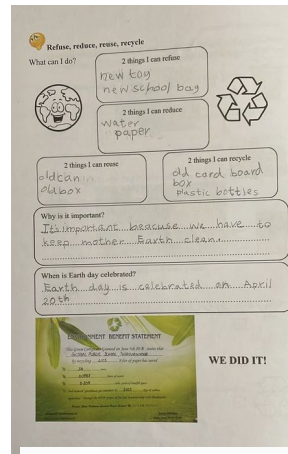
YELLOW TO GREEN



Students doing audit activities



Solar panels, heaters & vertical garden



Student worksheet



Biogas plant



Cleanliness drives



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

	Total Submissions	Green Schools
Himachal Pradesh (Best State)	114	9
Solan (Best District)	61	6





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**



Compost pit



Rainwater harvesting



Solar panels



Green area



BAL BHARATI PUBLIC SCHOOL NOIDA, UP

- **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



Best out of waste



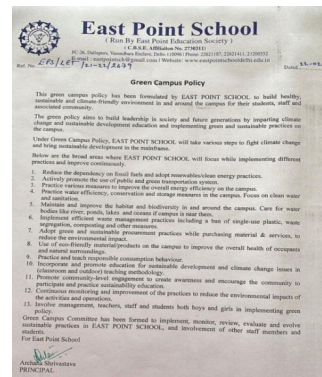
Rainwater harvesting



Compost unit



Paper recycling unit



Green Campus Policy



Solar panels

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



Natural lighting &
ventilation



Green area



Vertical gardening



Waste segregation



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**



Solar panels



Manure



Audit activity



Nukkad natak



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



Wastewater treatment plant



Green area



Compost pit



Non-polluting travel mode



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



Green cover



Solar panels



Wastewater treatment



Solar water heater



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



Herbal garden



Solar panels



Wastewater treatment



Community 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



Compost pit



Kitchen Garden



Best out of waste

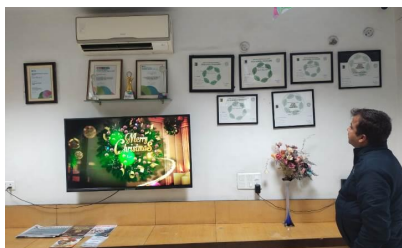


Biogas



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



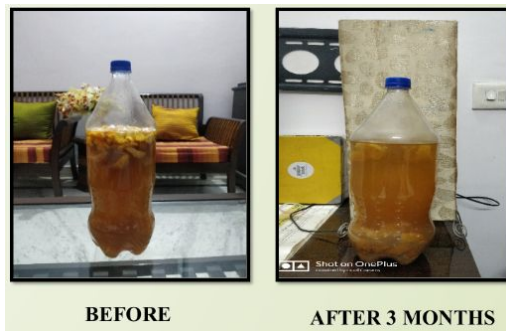
Rainwater harvesting





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 rally



Bicycle donation



DR. RAJENDRA PRASAD KENDRIYA VIDYALAYA, DELHI

GSP ENERGY MANAGER

- **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

	Monday	Tuesday	Wednesday	Thursday	Friday
Wastage (in kilograms)	1	2.5	2	2	2
Number of people who could have been fed	2	7	5	5	5

Do Good Save Food - Let us be our own superheroes

Tracking food wastage



Students eating mid-day meal



Source segregation & composting



Monthly meal plan

SHIV NADAR SCHOOL NOIDA, UP

GOOD FOOD AWARD

- 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

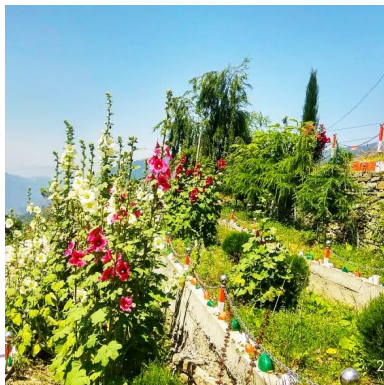


G.S.S.S. HINGIRI, CHAMBA, HP

GSP LAND MANAGER AWARD



Green area in school & plantation initiatives



G.S.S.S. HINGIRI, 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



Pooja Goel
MRG School
New Delhi



Poornima Kumari,
GHS Gulela, Hamirpur,
Himachal Pradesh



Priyanka Grover
Queen's Valley School
New Delhi



Ranjan Lata
G.B.S.S.S. Nalagarh
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

bharti

Bharti Foundation



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



gobar times DESIGN STUDIO
THE BOUT
THE BIG IDEA





GREEN SCHOOLS



S. NO.	SCHOOL NAME	DISTRICT	STATE
1	ARMY PUBLIC SCHOOL DELHI CANTT	SOUTH WEST DELHI	DELHI (DL)
2	B. K. BIRLA PUBLIC SCHOOL	THANE	MAHARASHTRA (MH)
3	BIRLA VIDYA NIKETAN	SOUTH EAST DELHI	DELHI (DL)
4	CMS LP SCHOOL ENNOORAMVAYAL	PATHANAMTHITTA	KERALA (KL)
5	COUNTRYSIDE INTERNATIONAL SCHOOL	SURAT	GUJARAT (GJ)
6	D.A.V PUBLIC SCHOOL, SECTOR-14	GURGAON	HARYANA (HR)
7	DAV INTERNATIONAL SCHOOL	AMRITSAR	PUNJAB (PB)
8	DELHI PUBLIC SCHOOL R.N. EXTENSION, MORTA	GHAZIABAD	UTTAR PRADESH (UP)
9	DELHI PUBLIC SCHOOL, GAUTAM BUDDH NAGAR	GAUTAM BUDDH NAGAR	UTTAR PRADESH (UP)
10	DELHI PUBLIC SCHOOL, LUDHIANA	LUDHIANA	PUNJAB (PB)
11	DELHI PUBLIC SCHOOL, LAVA	NAGPUR	MAHARASHTRA (MH)
12	DELHI PUBLIC SCHOOL, PATNA	PATNA	BIHAR
13	DOON VALLEY PUBLIC SCHOOL	SOLAN	HIMACHAL PRADESH (HP)
14	GHS GULELA	HAMIRPUR	HIMACHAL PRADESH (HP)



GREEN SCHOOLS

S. NO.	SCHOOL NAME	DISTRICT	STATE
15	HIM ACADEMY PUBLIC SCHOOL, VIKAS NAGAR	HAMIRPUR	HIMACHAL PRADESH (HP)
16	INDRAPRASTHA INTERNATIONAL SCHOOL, DWARKA	SOUTH WEST DELHI	DELHI (DL)
17	KENDRIYA VIDYALAYA DOGRA LINES	MEERUT	UTTAR PRADESH (UP)
18	KENDRIYA VIDYALAYA, AFS AKKULAM	THIRUVANANTHAPURAM	KERALA (KL)
19	KENDRIYA VIDYALAYA, NAGERCOIL	KANYAKUMARI	TAMIL NADU (TN)
20	KENDRIYA VIDYALAYA, VIKASPURI	WEST DELHI	DELHI (DL)
21	LAKE MONTFORT SCHOOL	BENGALURU URBAN	KARNATAKA (KA)
22	MODERN PUBLIC SCHOOL	NORTH WEST DELHI	DELHI (DL)
23	MONTFORT SCHOOL	NORTH WEST DELHI	DELHI (DL)
24	MRA DAV PUBLIC SCHOOL	SOLAN	HIMACHAL PRADESH (HP)
25	MRG SCHOOL	NORTH WEST DELHI	DELHI (DL)
26	P. V. C. GOVERNMENT HIGH SCHOOL	CHITTOOR	ANDHRA PRADESH (AP)
27	PRUDENCE SCHOOL	SOUTH WEST DELHI	DELHI (DL)





GREEN SCHOOLS



S. NO.	SCHOOL NAME	DISTRICT	STATE
28	QUEEN'S VALLEY SCHOOL	SOUTH WEST DELHI	DELHI (DL)
29	SACRED HEART INTERNATIONAL SCHOOL	KANYAKUMARI	TAMIL NADU (TN)
30	SACRED HEART SCHOOL	MUMBAI SUBURBAN	MAHARASHTRA (MH)
31	SATYA BHARTI SCHOOL, GOSAL	LUDHIANA	PUNJAB
32	SATYA BHARTI SCHOOL, KHANPUR	LUDHIANA	PUNJAB
33	SATYA BHARTI SCHOOL, MADPUR	LUDHIANA	PUNJAB
34	SATYA BHARTI SCHOOL, MITHEWAL	LUDHIANA	PUNJAB
35	SATYA BHARTI SCHOOL, SATIANA	LUDHIANA	PUNJAB
36	SBOA PUBLIC (SR SEC) SCHOOL	ERNAKULAM	KERALA (KL)
37	SHRI RAM CENTENNIAL SCHOOL	INDORE	MADHYA PRADESH (MP)
38	ST. THOMAS' SCHOOL	SOUTH WEST DELHI	DELHI (DL)
39	THE FABINDIA SCHOOL	PALI	RAJASTHAN (RJ)
40	V S ST JOHN'S HR SEC SCHOOL	KRISHNA	ANDHRA PRADESH (AP)





GREEN SCHOOLS



S. NO.	SCHOOL NAME	DISTRICT	STATE
41	ZPHS BURAKAYALAKOTA	CHITTOOR	ANDHRA PRADESH (AP)
42	ZPHS CHILLAMAKULAPALLI, S. R. PURAM MANDAL	CHITTOOR	ANDHRA PRADESH (AP)
43	ZPHS GIRLS, NARAYANAVANAM	CHITTOOR	ANDHRA PRADESH (AP)

