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LITERARY REVIEW

Gvan Chaturvedi's novel Alipura sparkles with hyperbolic wit, satire and farcical comedy p4



SATIRE

Our efforts to transform Katta into a freshwater god using Bisleri bottles and Aquaguard pipes did not hold water' p6



BOOKEND

Imagination remains humanity's most unique trait, the source of our subjectivities and fantasies p7



BACK PAGE

Scientific disciplines have become siloed. They are not accessible to the public: Jahnavi Phalkev p8





The climate

the UN for its global climate change campaign

Bindu Gopal Rad & Divya Gandhi

s the spectre of global warming fooms over us, with changing climate systems displacing millions and the world's third largest carbon emitter, has a pledge to keep it must reduce its carbon footprint by 33 35% from the 2008 levels in mine years, that is, by 2030, in accordance with the Paris climate agreement. Rising to the challenge but working quietly under the radar is a legion of India's young people in the run up to the ongoing COP 26 UN Climate Change Conference in Glasgow. By young men and women have been selected for their pioneering work in India by the United Autons for a climate campaign called We The Change. These people, aged between 18 and 33, have been chosen for their work in areas ranging from conserving water in restaurants to saving other ridge turtles from trawlers, from turning factory waste to fashion to using community radio to species. Here are their storts.

their stories

Master wars

In 2015, India was facing one of its
worst-ever droughts, Garvita Gulhari was
Is Around this time, the
Bengalariu-based student learnt of a
staggering figure-every year the world's
restaurants waste no less than 14 million
liters of water, left over in drinking
glasses at tables, "When I saw that figure
against the backdrop of women walking
leases at tables, "When I saw that figure
against the backdrop of women walking
leases at tables, "When I saw that figure
against the backdrop of women walking
leases to says. Gulhari,
22, launched Why Waste?" a campaign
to create a water possitive environment
and change annuales towards the
resource. She popularised the
KollassHallfull converp in subset of
place-cards per glasses or use only as
conserved over 10 million litres of water
across free lash restaurants through her
she year campaign.

Nalis means drain, But when Sneba.

six-year campaign.
Nala means drain. But when Sneha Shahi decided to study the Bhuki nala sman decided to study the Binda Adal running through her college campus, the Maharaja Sayajirao University of Baroda in Gujarat, she realised the drain Barrodo in Gujarat, she realised the drain was, in fact, a natural stream clogged with plastic. Shahi, 24, who is affiliated to UNEP's Plastic Tide Turner Campaign, galvanised 300 volunteers to remove nearly 700 kilos of solid waste from the Bhuki stream and its banks: thermocol, plastic bottles, chips packets, industrial and construction waste. The results were more rewarding than she could have anticipated. Turtles and crocodiles





Showing the way (Clockwise from above) Sneha Shahi, who galvanised 300 volunteers to remove nearly 700 kilos of solid waste from the Bhuki stream in Vadodara Chennai engineer Canesh Kumar Subramanian works with scrap shops to decentralise waste management, urban planner Berjis Driver conducting a mapping exercise with fisherment in Mumbai, a rally in Milan, Italy during the Youth for Climate summit last month, and radio reporter Varsha Raikwar, whose messages on climate shange reach more than 200 villages in Bundelkhand.

400

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returned to the stream, and plants grew new shoots on its banks. Buoyed by the success, Shahi worked with a team of

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success, Shahi worked with a team of students to map urban streams, however small, in Vadodara where she lives. Shahi then launched an outreach programme in multiple languages so "people are more aware of water bodies and how they are linked to each other," says the youngster.

Waste not
Factory waste. That is what apparel
designer Kriti Tida, based in bellib, uses
as her material Tuda. 33 the creative
director of sustainable fashion label
losedlage that adopts a new sustainable
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manufacturing units to mai
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new of these sided it of this craps, etc.

when full. The waste-pickers then collect, segregate and resell the waste to the scrap shop. "Our idea is to integrate the informal sector into the formal waste management system to improve recycling rates while improving the lives of the marginalised stakeholders," says Subramanian

The last straw

The last straw
When he was just 16, Delhi-based
student Aditya Muharji decided to make
student Aditya Muharji decided to make
it his mission to go door to-door,
campanjing against what he describes
as "one of the most dangerous
inventions by man" single-use plastic
in the two years that followed, Muharji,
now 18, has stopped the use of over 36
million single-use plastic items - plastic
straws, plastic cultery and stirrers - in
brotes and restanarts He says he began
with the hospitality industry and then
expanded to corporate firms and cinema
expanded to corporate firms and cinema expanded to corporate firms and cinema halls. "For instance, for customers who insist on straws, I organise environment friendly straws made of

...

to fashion to using community radio to spread awareness in local dialects

paper, bambon and metal," says Mukarji He even ensures that the establishments he works with give him an inventory of the single-use plastic frem they have stopped buying. Now living in John, Maharahitra, Noelia Shraji Naikwade, 27, is the co-bounder of parvaah, a youth cell that looks at zero waste initiatives. She starts with her own bounded of parvaah, a which looks to zero waste initiatives. She starts with her own bounded of possessed and she has withched to remewable energy sources. "To keep global warming under 15 degrees, every sector of the global economy needs to transform in just over two bissuess cycles," says the young activist. At Climate Collective Foundation, where she works, one of the programmess she is now leading is the UNID! YouTh Co Lab, which supports 50 young climate entrepreneurs in waste management, sustainable transport, tourism and food technology.

In the wild

A large part of Soumya Raman Bowal's
time is spent parrolling the beach,
picking up trash along the olive rolley
turtle nesting site at the Dest river
estuary in Oblisha, something he has
been doing since he was 10. Now 24.
Biswal is committed to protecting the
turtles that turn up in their hundreds to
nest here every year, roping in the local
community to help reduce trawling
during the nesting season. "I collect
mortality numbers, find the cause of
death, and shar regular updates in
forums," says Biswal Happily, there has
been a considerable reduction in illegal
trawler activity, he says. Biswals work
extends to protecting the biodiversity in
Astaranga village in Puri district where
he has organised over 200 beach
cleaning activities that have cleared the
coast of tomes of plastic waste and
discarded Inshing nets.
One of environmental activial
Althlesh And Rumar's first projects was
to cush erosion along the
Daris annual to parami coast and reslucing
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times for the original and the second of the original of the
Daris annual to parami coast and reslucing
times for the after text and spoke to
the people there. be realised these

throw an anticipation with the control of the contr

have to just provide the necessary tools."

Human habitats

Mumbai-based urban planner Berjis
Driver, 27, works towards strengthening
the relationship between people,
buildings and the environment. He has
chalked our reports and
recommendations for a public open
space in Mumbai and for the urban
design of the Andhra Pradesh Capital
Region Development Authority. This
year, as an urban consultant, he was
involved in data analysis and
documentation for the Kandla SEZ in
Gujarat, the first green SEZ to achieve
the IGBC Green Cities Plannum Rating
for Existing Cities, which recognises
environmental sustainability in cities
Medha Praya, 26; is a plajur-based
architect and interaction designer she
works on the physical interaction
between people and built spaces, and
the digital interaction of wewen people
and screens One of her projects dealt
with a green building ocrufication for
garment factories in Dhaba. As a
sustainability consultant, Medha
reviewed these buildings for the quality
of construction, adequate ventilation,
green spaces, and abherence to
construction codes. "These strategies
would help create a safet work." construction codes. "These strategies would help create a saler work environment, especially for women, who constitute much of the workforce."

They cross a polluted river, come back and play games share their observations navern**men**t offices, and role-play.

Sarath K.R.

K (S)

The climate crusaders

Continued from Page 3

Medha was part of the team that designed the 200-acre college campus of IIM Visakhapatnam, that aspires to achieve GRIHA certification, the highest rating for green buildings in India

Change in the air

A climate educator from Mumbai, Heeta Lakhani, 30, says her turning point came when she attended COP21 in Paris in 2015. She has since worked with school students and YOUNGO, the official youth constituency of the United Nations Framework Convention on Climate Change (UNFCCC). For the past two years, she has been working towards formulating a global youth statement that will be presented to the UNFOCC

"We are working towards getting a delegation of young people to COP26," says Lakhani. "It will be the largest

ever delegation of members under the age of 35 to be part of this space where the negotiations are taking place." Four years ago, Lakhani launched Green Warriors, which aims to educate school students on climate change.

As a school girl in Meerut, Hina Saifi was inspired to take up environmental activism while attending science classes. Saifi, 20, now hopes to "inspire people in Uttar Pradesh to adopt clean energy, which can increase employment as well as reduce energy costs and pollution." Through the Surai Se Samriddhi campaign, Saifi creates awareness about the benefits of solar power – solar pumps or rooftop solar installations – using public meetings, pamphlet distribution, and door-to-door visits. She is now associated with En Bloc: On Way to Humanity, an NGO committed to highlighting the issues of marginalised communities, whether education, gender or labour rights.

Storytelling, through community



Pathbreakers (Clockwise from left) Nidhi Pant's solar dryer helps farmers process their perishable produce: Hina Saifi champions clean energy projects in U.P.: voungsters at a 2019 Fridays for Future

march in New Delhiand Garvita Gulhati. who has helped restaurants conserve millions of litres of water.

MAGES COURTESY WE THE



radio, is the means through which Varsha Raikwar - the first woman in her family in a non-farming activity creates climate awareness among people in the Bundelkhand region of Madya Pradesh. "As a radio reporter at Radio Bundelkhand 90.4 FM, which broadcasts to more than 200 villages in four drought-affected districts of Bundelkhand, I talk about how people who are most affected by climate change can also make an impact by adopting practices of sustainability." says the 27-year-old. A show, centred around a character called Bairo Bhauji, talks about issues around environment protection using the hyper-local dialect and lighthearted anecdotes.

We the people

Archana Soreng, 26, from Odisha's Kharia tribe, has been chosen as one of seven members of the UN Secretary General's Youth Advisory Group on Climate Change. Soreng has been working with tribal communities and



forest dwellers and has also been part of an initiative called Adivasi Drishyam that creates videos on indigenous songs and medicines. "We firmly believe that it is important to document these practices, and to do so in different formats, so they are accessible to people who have not received formal education," says

A folk arts enthusiast, Sarath K.R., 27, works with the Vayali Folklore group, a community-led initiative that has been involved in several activities, including the rejuvenation of river Bharathapuzha in Kerala, which had shrunk to a trickle. At Alter-School, an arm of Vavali that Sarath co-founded, a camp was organised for local children to create awareness about the need to keep Bharathapuzha clean. "We visit the river with the children and let them observe. They cross a polluted river, they come back and play games. share their observations, visit government offices as a part of the drama assignment, and take up role-play," he says.

Siddhartha Sharma's first introduction to the concept of climate change was in college. Sharma, now 27, focuses on the hydrology of the Brahmaputra. Mahabahu, the flagship project of Global Shapers Guwahati Hub, which he founded, helps flood-affected people in Morigaon Barpeta and Kamrup districts of Assam. "At the peak of the Assam floods in 2020, the project took shape and has so far supported over 12,000 people," says Sharma. "Because of the pandemic, logistics were a big challenge but our partner NGOs, the local communities, and the district administrations were very supportive."

In 2013, a severe drought created untold misfortune in Nidhi Pant's hometown, forcing even her family to migrate. It decided her career. The chemical engineer-turned-farmer-turned entrepreneur, now 27, co-founded the Mumbai-based S4S (Science for Society) Technologies, which works with low-income, climate-threatened communities and helps them with machines and technology to dehydrate and sell produce that would otherwise be spoilt. They have, for example, energy-efficient machines to dry ginger, turmeric and cassava, another for vegetable chips. "S4S transforms the lives of women farmers by ensuring food security, increasing incomes, and creating jobs," says Pant.

Bindu is a freelance writer and