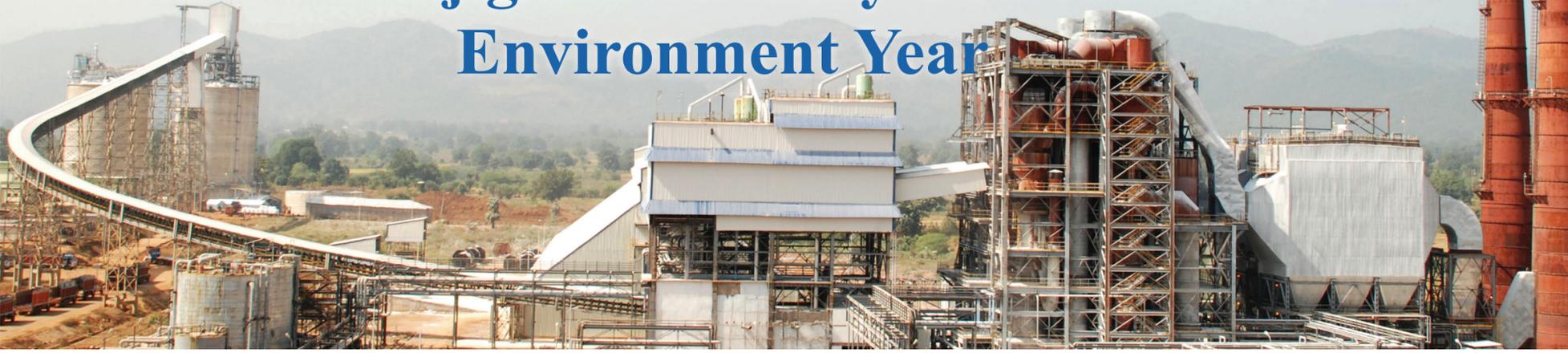


Vedanta's Lanjigarh Refinery Dedicates 2018 as Environment Year



We plant trees

On this World Environment Day, Vedanta organised a massive plantation drive in the Kalahandi district in collaboration with the Forest Department. Over 500 saplings of fruit-bearing plants like mango, papaya, lemon and cashew were distributed. Employees and families planted over 1000 saplings in the Vedanta Township. The company's pursuance of afforestation has resulted in plantation of 4.7 lakhs saplings till date within plant premises. This year's target number is 24,000. **We have covered 33% greenbelt in the plant premises and in total 277 hectares of land in our plantation drives.**



Sowing seeds of education and vocational training

With over 1000 students, DAV Vedanta International School in Lanjigarh is a premier English medium school equipped with smart classes, labs and best-in-class facilities. **Over 400 students are tribal and from underprivileged sections of the society;** many are proud first generation learners in their family. The school achieved 100% result in CBSE Class 10 results this year with a student making Kalahandi proud by securing 98.4% marks. Partnering with State Government and Manna Trust, we have constructed a centralized kitchen to provide nutritious meal to over 16,000 children in 178 schools in Kalahandi.



State-of-the-art technology with zero discharge, zero waste and zero harm policy

We proudly operate a Greenfield Alumina refinery at 2 MTPA. The Red Mud Powder Plant is designed to separate water from red mud slurry and is the first ever such initiative by any alumina maker in the world. The red mud pond has been designed and certified by the Indian Institute of Science, Bangalore. The unit has several other initiatives such as Vanadium sludge recovery, ESP at both Power plant and Calciner, Bag Filter at Alumina handling plant, Dry Fog system at transfer points of Bauxite Handling Area and Coal Handling Plant, 'Reduce-Reuse-Recycle' practices and Continuous Ambient Air Quality Monitoring in and around the plant premises.



than 2700 rural women within 253 SHGs from 40 peripheral villages in various income generation activities like poultry farming, animal husbandry, phenyl making, applique making, paper cup and

plate making etc. 500 farmers were helped under 'Project Krushak Bandhu' through farm-based livelihood projects on vegetable and paddy cultivation by partnering with Sadhana Trust and

District Agriculture Department, thereby increasing yield by almost 200%. Sunflower cultivation and cash crop farming has also led to the prosperity of 200 farmers in the region.

Q & A

What is the company doing from the environment standpoint in Lanjigarh?

A: We, at Lanjigarh, adhere to international standards of environment and sustainability. Our credo is 'Zero Harm', 'Zero Waste' and 'Zero Discharge' at our unit. Vedanta's Lanjigarh refinery is the first in the country to become a 'Zero Discharge' refinery. A robust red mud management system is in place which uses drying and stacking of the red mud cakes for efficient disposal. Fly Ash is disposed through HCSD (High Concentration Slurry Disposal) Technology to an ash pond which gets employed in building social infrastructure and manufacturing bricks, fertilisers, cement etc. We have also implemented a bio-gas plant and installed solar panels to embrace renewable energy which help us in reducing our carbon footprint.

The refinery has permission to use 30 million cubic metres of water per day. But its state-of-the-art technology and water conservation measures have enabled it to utilise only 18 million cubic metres of water per day.

What has been the economic impact in the region since your establishment in Lanjigarh?
A: The plant employs around 6000 people directly or indirectly, with more than 80% of them from the State of Odisha. Our livelihood model is a four-fold approach encompassing Farm & Non-farm initiatives, Employability Enhancement Program, Women Empowerment through Self Help Groups and Entrepreneurship Development. Under project 'Aajeevika', the income level of the women SHG members has reached Rs. 4000-5000 per month. In partnership with the Agriculture Department, we have trained and assisted 321 farmers in the region. It has helped raise the average profit of a farmer substantially to Rs 8400.

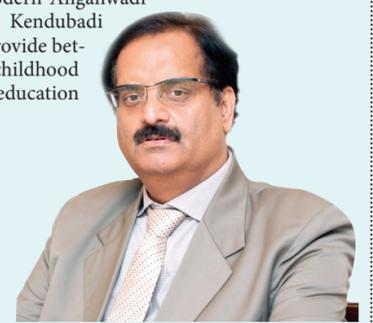
Vedanta is known for its CSR activities in the peripheral areas of its operations. What are the community connect programs that you conduct in Lanjigarh?

A: Our community-connect programs are based on four major pillars - healthcare, education, sustainable livelihood and infrastructure development. We also work with an aim to provide access to various Government schemes through a Public-Private Partnership model, facilitate building of social infrastructure and improving the quality of life of the communities.

What are your latest endeavours for community development?

A: Our latest endeavour is to improve the hygiene levels of the peripheral villages and we are partnering with the Government to make **26 Panchayats & 414 villages Open Defecation Free in the Lanjigarh block** by the end of this year.

Vedanta laid the foundation stone of Nandghar, its flagship modern Anganwadi project at Kendubadi village to provide better early childhood care and education facilities.



Ajay Kumar Dixit, CEO

Holistic healthcare and hygiene system for communities

Vedanta Hospital is a 20 bed, state-of-the-art-medical facility with 24x7 ambulance services, reaching out to over 60,000 people



per year in the region. We have also inked a MoU with the State

Government to construct a 500-bed hospital and 100-seat medical college at Bhawanipatna with a contribution of 100 crores. Over 30,000 beneficiaries annually are also reached at their doorsteps through Mobile Health Units and awareness camps. As a result, **there have been zero malarial deaths in Lanjigarh block in the past 4 years.** We have successfully facilitated 237 free cleft lips & palate operations and 336 free cataract surgeries last year. 7159 BPL families were supported under Rashtriya Swasthya Bima Yojna in partnership with NHM in availing access to government and private hospitals free of cost upto 30,000 annually.

Partners in prosperity

Our Self Help Group model of women empowerment covers more



We provide direct and indirect employment to over 6000 people besides triggering thousands of jobs and livelihood opportunities. 80% of the workforce belong to the State of Odisha.

Voices on Ground: People. Plant. Prosperity



Mrs. Jasoda Behera
Lanjigarh: President - Shaktimayee Foundation

Vedanta has been supportive in forming women Self Help Groups (SHG) that are engaged in various income generation activities such as poultry farming, turmeric processing, animal husbandry, etc. We were unaware of these prospects earlier. We intend to enhance the standard of living of each group member now.



Ms. Mamta Majhi
Student, DAV Vedanta International School; Resident, Niyamgiri Vedanta Nagar (R&R Colony)

Vedanta has changed my life completely. When I walk around in my village, people point me out and say, "See, the girl studies in DAV Vedanta International School", I feel proud and happy. I want to become a teacher and a role model to spread how education plays an important role in our lives.



Mr. Purna Chandra Sahoo
Champadeipur: Owner, Jay Bajrang Fly Ash Kiln

I was unemployed for a long time and wanted to start my own business. I noticed that Vedanta had fly-ash stock and I proposed to utilize it. I set up my fly-ash brick kiln after having discussions with them. I started earning for myself initially and then gave employment to 40 local people in my business. I now feel empowered and proud.



Mrs. Sumitra Bishi,
Lanjigarh: Woman Entrepreneur, Project Sakhi

Our SHGs learnt to run a sustainable turmeric processing business which is earning profit. Whatever we earn, we distribute it among ourselves. With Vedanta's help, our families have been able to access adequate resources for livelihood. Earlier, we use to stay at home. Now, we go out, learn new things and benefit from such knowledge and skills.



Bhuklia Harijan
Chhatrapur Village

We used to resort to supernatural practices to deal with health problems in our village. There were no doctors here which left us with no choice than to hope that priests and prayers would cure diseases. Many initiatives have been taken for the development our community now, especially for affordable healthcare and road connectivity.

