



DEDICATED
FOR LIVES
THAT ARE AS
PRECIOUS
AS NATURAL
RESOURCES!

NMDC has been a pioneer in the area of CSR. As a matter of fact, CSR has been a way of life at NMDC and not just a part of business strategy. Over the years, NMDC has made a huge impact on the socio-economic progress of the people around its Project locations through a host of CSR initiatives. It is only because of its strong focus on social responsibility programmes, NMDC has been successfully mining in these areas. NMDC has been accepted for more than 6 decades.

AREAS UNDER **CSR**

Medicare • Education • Skill Training • Infrastructure • Drinking Water • Focused interventions and integrated development of villages



NMDC Limited

(A Government of India Enterprise)

Eco-friendly miner



Regd. Office: Khanij Bhavan, 10-3-311/A, Castle Hills, Masab Tank, Hyderabad - 500028, INDIA | CIN: L13100AP1958GOI001674

www.nmdc.co.in | Follows us on @nmdclimited

NMDC CSR ACTIVITIES

CMD MESSAGE



“From empowering women to upskilling youth, generating employment opportunities to addressing public health, NMDC has been a steady pillar in enabling progress in the hinterlands of India. We have witnessed the transformational impact education and awareness can bring in uplifting communities and commit to continue taking CSR initiatives that create value for people’s lives.”

Sumit Deb
CMD, NMDC

OVERVIEW

NMDC’s social capital is built on decades invested in community engagement, building of infrastructure in education and health, and contributions to essential development needs of our host communities. Our social objectives are aimed at improving the quality of life of people around our mining operations and their socio-economic environment. The CSR expenditure of NMDC has steadily grown from Rs. 86 crore in 2011-12 to Rs. 200 crore in 2019-20, considerably above the statutory 2%.

The social initiatives of NMDC have led the way to development because they emerge from a sense of duty and compassion. Our Unique Stakeholder Consultation mechanism has been lauded by the Department of Public Enterprises, Government of India and recommended for emulation by other Public Sector Enterprises. The company considers inclusive growth as a means to achieve corporate growth and sustainability. To keep our CSR policies updated and in alignment with the nation building goals, the NMDC Management proactively conducts periodical review of its social initiatives.

KEY FOCUS AREAS EDUCATION



Education has been a key focus area of our CSR programmes. NMDC has constructed Residential Schools for tribal children including for those specially-abled. The company awards scholarships to socio-economically disadvantaged students for pursuing higher education. NMDC also operates Polytechnic College and Industrial Training Institutes to impart technical knowledge in remote regions of the country. CSR initiatives in the field of education are -

1. **Balika Shiksha Yojana**

Our flagship CSR initiative *Balika Shiksha Yojana* completed a decade of service in 2021, contributing to the journey of over 400 tribal girl students becoming healthcare professionals of the country. Under the scheme, we support the education of 40 girl students at Apollo Institute of Nursing, Hyderabad every year.

2. **Residential School at Nagarnar, Bastar**

To create a conducive learning environment for the local tribal children, NMDC has established a Residential School at Nagarnar in 2010-11. In 2021, the strength of the school was 600 students in Class I to XII. Impact can be gauged from the fact that many of the students are first generation school goers.

3. **Shiksha Sahayog Yojana**

A scholarship scheme for tribals and SC students of Chhattisgarh and Karnataka. The objective of the

scheme is to help students pursue higher education. 18000 scholarships have been distributed under the scheme till 2021.

4. **Support to Mid Day Meal Programme**

NMDC has been providing financial support to the mid day meal scheme to ensure nutritious and wholesome meals for the students. The scheme covers 8000 students in the schools of Karnataka.

5. **Education City**

The Education City runs educational facilities ranging from primary school to professional institutes in a single campus. NMDC supports this initiative of the Government of Chhattisgarh to help children receive quality education. The initiatives supported by NMDC include:

- Astha Gurukul - A residential school for children affected by naxalite violence in the region and underprivileged communities is operated by NMDC
- Saksham - A residential school for children with special needs
- Polytechnic College - To provide technical education to the youth

6. **ITI at Bhansi and Nagarnar, Chhattisgarh**

NMDC has two Industrial Training Institutes at Bhansi and Nagarnar to equip students with technical skills. ITI Bhansi is rated as the best Industrial Training Institute in Chhattisgarh by CRISIL.

- Education and Sports City in Bijapur was built by NMDC
- Choo lo Asman* helps students prepare for competitive exams and provides coaching for national and state medical and engineering entrance tests.
- Ujjar 100* provides financial assistance to tribal students for pursuing higher education.
- Lakshya Yojana* provides short term special coaching to youth for writing job-oriented competitive exams in State and Central Governments/ PSUs.

HEALTHCARE



NMDC provides free medical treatment, annually benefitting around 10,000 in-patients and 1,00,000 out-patients, at its hospitals located near the mines, organizes routine medical camps and takes primary healthcare facilities to the most remote regions through its mobile hospitals. With its campaigns on Menstrual Hygiene and Cleanliness Drives, NMDC has become a champion in health management. Details of CSR initiatives in the field of healthcare are,



1. **Hospital on Wheels**

This initiative benefits about 40,000 villagers with free medicare facilities at their doorsteps through state-of-the-art mobile medical vans. In Karnataka and Chhattisgarh, NMDC has partnered with State authorities for operation of Mobile Medical Units to provide basic healthcare facilities to people.

2. **Menstrual Health Management (MHM)**

In partnership with the District Administration of Dantewada, *Mehraar Cho Maan* aims at promoting hygiene during menstruation and the usage of sanitary napkins. The initiative has reached out to 23000 women in Chhattisgarh.

3. **Cleanliness Campaign**

Campaigns were run to bring behavioral change and awareness on personal hygiene and safe sanitation in the villages of Dantewada, Chhattisgarh. The program has facilitated the construction of 1850 household toilets, with 100% household toilet coverage in one village making it an Open Defecation Free (ODF) village.

4. **Swachh Vidyalaya** - 2089 toilets were constructed in schools in Bastar, Chhattisgarh and Panna, Madhya Pradesh.

5. NMDC has partnered with the Government of Chhattisgarh for installation of solar power-based electrification facilities in health centers and is providing solar maternity and mother care kits in health centers of Bastar, Chhattisgarh.

6. NMDC is extending financial support to reduce the prevalence of malnutrition and anemia among children, adolescent girls and women of reproductive age group in Bastar, Chhattisgarh.

INFRASTRUCTURE DEVELOPMENT



Infrastructure building in remote regions and interior locations of the country to provide better connectivity and facilitate overall development has been a long standing goal of NMDC. The company has constructed all weather roads, bridges/culverts, community centers, hospitals and also an Education City in some of the remotest regions of the country. Some major infrastructural initiatives include,



1. 123 km of WBM roads laid in villages around NMDC Projects
2. Construction of a high level bridge over Dankini River in Dantewada
3. *Gaurav Path* (4 way lane) in Dantewada, Kirandul and Bachel
4. Construction of Jagdalpur Bypass
5. Construction of Community Centers in Bastar
6. Solar electrification works in the villages of Bastar

SAFE DRINKING WATER

Regular initiatives are being taken to provide clean and safe drinking water in the villages around Projects. NMDC also ensures that adequate infrastructure is created to ensure people have access to clean water. NMDC has partnered with the Government of Chhattisgarh to provide solar power based drinking water facilities for far off places. It is supporting the Group Water Supply Scheme to provide clean drinking water to the villages in Dantewada, Chhattisgarh. Other initiatives include,



1. Installation of hand pumps, borewells and digging of open wells, ponds around Projects
2. Providing piped drinking water supply to villages around Panna, Madhya Pradesh

SKILL DEVELOPMENT

NMDC contributes to the National Skill Mission by rolling out Skill Development programmes for the tribal youth. We provide training to local youth in trades of the Mining and Steel sector. We conduct training programmes in Bell Metal, Bamboo and Tumba Art, which are traditional skills of the tribal community. Some sustainable income generation and skill development initiatives of NMDC are as follows,

1. Industrial Training Institutes and Polytechnic Colleges impart technical education to the youth of Bastar in the trades that have a high Employability Rate
2. Training tribal youth in skills relating to operation of equipment, dialysis, blood bank, ECG EEG, and ward technician, for them to join the healthcare sector
3. *Kaamdhenu Project* - Promotes dairy farming in Dantewada and provides local community members with the necessary training
4. Livelihood generation training in Bamboo, Bell Metal, Wood, Jute and Tumba Art is provided to tribal youth and women of Bastar, Chhattisgarh

AWARDS

NMDC was conferred with the prestigious S&P Global Platts Global Metals Awards consecutively in 2018 and 2019 in the CSR Category for the emancipation of local communities. NMDC is the first Indian Company to win an award in this category. For our CSR initiatives, we have recently won -

- ASSOCHAM National CSR Awards 2020 for Women Empowerment
- Indian Chamber of Commerce (ICC) Social Impact Awards 2020 for Healthcare
- Best Practices in CSR Awards 2020 from Institute of Public Enterprises (IPE) for Education Development in Remote Tribal Areas
- Governance Now PSU Awards for the Best PSU (Navratna) Implementing CSR in 2021



(Continued from Page 14)

cross-border payments. But at least three vessels carrying coal set sail to India from Russian ports after Russia launched its invasion of Ukraine on Feb. 24, according to Refinitiv vessel tracking data and an industry source.

"Indian buyers are still getting coal from Russia into the market here, but are starting to find it increasingly difficult because banks are not willing to open letters of credit," the industry source said. "Bankable long-term customers are being handed over coal on a trust basis, while relatively new customers aren't able to procure coal because of financing issues," the source said.

V R Sharma, the managing director of Jindal Steel and Power Ltd (JSPL), said importing from Russia would be difficult unless there is a "rupee-rouble" trade. India is exploring ways to set up a rupee payment mechanism with Russia to soften the blow on New Delhi of Western sanctions imposed on Russia. "If rupee-rouble trade is approved, then we can get coal at affordable and cheaper prices from Russia," Sharma told Reuters. JSPL is among the importers from Russia in March, along with Tata Steel, Kalyani Steels and JSW Steel. JSW declined to comment, while Kalyani and Tata Steel did not respond to Reuters requests seeking comment.

A trader at Sibuglemet, one of Russia's major exporters, said the firm and his competitors are continuing to supply coal to India, but said "some issues are appearing." "Tomorrow, if they were to put strict controls on payments, then trade would be organised through buyers in other countries," he said.

Reuters | March 10, 2022

(Continued from Page 19)

Satija, P.K., Behera, D., and Mishra, P., (2017). Developments in Slope Monitoring Technology – with a Specific Reference to Use of Drone at Noamundi Iron Mine. *Mining Engineers' Journal*, v19 n5, Dec 2017.

Sayab, M., Aerden, D., Paananen, M., and Saarela, P., (2018), Virtual Structural Analysis of Jokisivu Open Pit Using 'Structure-from-Motion' Unmanned Aerial Vehicles (UAV) Photogrammetry: Implications for Structurally-Controlled Gold Deposits in Southwest Finland. *Remote Sens.* 2018, 10, 1296. <https://doi.org/10.3390/rs10081296>.

Shahmoradi, Javad & Roghanchi, Pedram & Hassanalian, Mostafa. (2020), "Utilizing Drone Technology to Improve Safety and Productivity in Underground Mining.", *New Mexico Tech Student Research Symposium*, April 2020.

Sibanda, M., Mutanga, O., Chimonyo, V.G.P., Clulow, A.D., Shoko, C., Mazvimavi, D., Dube, T., and Mabhaudhi, T., (2021). Application of Drone Technologies in Surface Water Resources Monitoring and Assessment: A Systematic Review of Progress, Challenges, and Opportunities in the Global South. *Drones* 2021, 5, 84. <https://doi.org/10.3390/drones5030084>.

Suherman, S., Putra, R., and Pinem, M., (2020). Ultrasonic Sensor Assessment for Obstacle Avoidance in Quadcopter-based Drone System. 2020 3rd International Conference on Mechanical, Electronics, Computer, and Industrial Technology (MECnIT), 2020, pp. 50-53. <https://doi.org/10.1109/MECnIT48290.2020.9166607>

Svensgaard, J., Jensen, S., Christensen, S., and Rasmussen, J. (2021). The importance of spectral correction of UAV-based phenotyping with RGB cameras. *Field Crops Research*. 269. 108177. <https://doi.org/10.1016/j.fcr.2021.108177>.

Tkáč, M. and Mesároš, P., (2019). Utilizing drone technology in the civil engineering. *Selected Scientific Papers – Jour of Civil Engineering*. <http://dx.doi.org/10.1515/sspjce-2019-0003>

Vergouw B., Nagel H., Bondt G., Custers B. (2016) Drone Technology: Types, Payloads, Applications, Frequency Spectrum Issues and Future Developments. In: Custers B. (eds) *The Future of Drone Use. Information Technology and Law Series*, vol 27. T.M.C. Asser Press, The Hague. https://doi.org/10.1007/978-94-6265-132-6_2

Zhang, Z., Qiao, Y., Hou, D. and Chi, L., (2021). Experimental study of rock fragmentation under different stemming conditions in model blasting. *Intl. Jour. of Rock Mech. and Min. Sc.*, v143, <https://doi.org/10.1016/j.jrmms.2021.104797>.