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| <p>कोल इण्डिया लिमिटेड<br/>कंपनी सचिवालय<br/>3 तल्ला, कोर-2, प्रेमिसेस-04-एमआर, प्लॉट-ए एफ-III, एकशन एरिया-1A, न्यूटाउन, रजरहट, कोलकाता-700156, फोन 033-23246526,<br/>ईमेल: comsec2.cil@coalindia.in<br/>वेबसाइट: <a href="http://www.coalindia.in">www.coalindia.in</a><br/>सी आई एन - L23109WB1973GOI028844</p> |  <p>एक महारत्न कंपनी<br/>A Maharatna<br/>Company</p> | <p><b>Coal India Limited<br/>Company Secretariat</b><br/>Regd. Office: 3rd floor, Core-2<br/>Premises no-04-MAR, Plot no-AF-III, Action<br/>Area-1A, Newtown, Rajarhat, Kolkata-<br/>700156<br/>PHONE: 033-2324-6526,<br/>E-MAIL: comsec2.cil@coalindia.in<br/>WEBSITE: <a href="http://www.coalindia.in">www.coalindia.in</a><br/>CIN- L23109WB1973GOI028844</p> |
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Ref.No.CIL:XI(D):4157/4156:2024:

Dated: 22.08.2024

To,  
Listing Department,  
Bombay Stock Exchange Limited,  
14<sup>th</sup> Floor, P.J. Towers, Dalal Street,  
Mumbai – 400001  
Scrip Code 533278

To,  
Listing Department,  
National Stock Exchange of India Limited,  
Exchange Plaza, Bandra Kurla Complex,  
Bandra (E), Mumbai – 400051.  
Ref: ISIN – INE522F01014

**Sub: Newspaper publication of Chairman's Speech at 50<sup>th</sup> AGM of CIL.**

Dear Sir,

We are enclosing hard copies of Press release appeared on 22.08.2024 in English newspaper i.e Business Standard, newspaper publishing the Chairman's Speech at 50th AGM of CIL held on 21.08.2024.

This is for your information and record please.

Yours faithfully,

**Encl: As above**

(B P Dubey/बी पी दूबे)  
Company Secretary/कंपनी सचिव  
& Compliance Officer/कम्प्लायंस ऑफिसर



# Lakshadweep takes off, Maldives out of favour

April-June passenger traffic to Indian island doubled from year-ago qtr

**SURAJEET DAS GUPTA**  
New Delhi, 21 August

Eight months after Prime Minister Narendra Modi's visit to Lakshadweep in January, which featured photos of him strolling on the white beaches and snorkelling in the crystal-clear waters posted on his official X account, there has been a noticeable increase in interest from Indian travellers in the coral islands. This follows a controversial remark by a Maldivian politician targeting Indians, further spotlighting the archipelago.

According to government data, passenger traffic to Lakshadweep more than doubled from April to June this year, reaching 22,990 compared to just 11,074 in the same period last year. Aircraft movements surged by 88 per cent, rising from 418 to 786, despite Agatti Airport's limitation to small turboprop aircraft.

Cirium reports that the number of flights to Lakshadweep increased more than 3.5 times, from 31 in July 2023 to 106 in July 2024. Accordingly, the total number of available seats jumped from 2,170 in July 2023, with only Alliance Air operating from Kochi, to 7,844 in July 2024, with three airlines, IndiGo, which had no flights to Lakshadweep until February this year, operated 53 flights in July from Kochi and Bengaluru. A new airline from Goa, Fly91, conducted 21 flights in the same month.

Anil Kalsi, vice-president of the Travel Agents Federation of India, observes: "Our projection is that tourist

## TOURISM TILT

No. of flights (seats) to Lakshadweep

|         | IndiGo     | Alliance Air | Fly91      | Total       |
|---------|------------|--------------|------------|-------------|
| Jul '23 | 0          | 31 (2,170)   | 0          | 31 (2,170)  |
| Mar '24 | 1 (78)     | 44 (3,080)   | 0          | 45 (3,158)  |
| Jul '24 | 53 (4,134) | 31 (2,170)   | 22 (1,540) | 106 (7,844) |

No. of Indian tourists to Maldives

■ 2023 ■ 2024

April 17,577

7,782

May 20,098

10,809

June 16,532

10,018

July 12,168

8,152

Source: Cirium

Source: Maldives Immigration



numbers could treble once the existing airport is modernised. Big hotel chains are constructing new resorts to accommodate the expected influx."

Lakshadweep's gain contrasts sharply with Maldives' loss, especially given the strained relations between the two countries. According to Maldives immigration data, the number of Indian tourists fell sharply by 45 per cent from April to July 2024, dropping to 36,761 from 66,375 in the same period last year.

The share of Indian tourists in the Maldives has halved, from 12 per cent

to 6.3 per cent this year. Most airlines have not increased capacity to the Maldives. IndiGo and Air India, which have operated flights to the Maldives since July 2023, have not added flights, and Maldivian, the national carrier, has slightly reduced its flights. Only Vistara has increased capacity, having added a new route from Delhi to the Maldives in October 2023.

Once among the top three destinations for tourist arrivals last year, Maldives now lingers in the fifth or sixth position for most months.

## RG KAR HOSPITAL HORROR

# AIIMS forms panels for safety audits

**SANKET KOUL & PTI**  
New Delhi, 21 August

The All India Institute of Medical Sciences (AIIMS), New Delhi, on Wednesday appealed to striking resident doctors to resume duties in the interest of patient care, saying a collaborative internal security audit will be conducted to assess safety and security measures within the campus.

Two committees have been constituted to address safety issues at the institute. Resident doctors of AIIMS have been on strike demanding a central legislation for the protection of healthcare workers following the alleged rape and murder of a woman trainee doctor at a state-run medical college and hospital in Kolkata.

Dr M Srinivas, director, AIIMS New Delhi, said the AIIMS family stands behind the cause of safety of healthcare professionals at the premier hospital.

"However, as doctors, our supreme duty is to ensure that patients visiting our portals do not go unattended," he added.

The first committee will be chaired by the Dean (academics) of AIIMS and look into the immediate

concerns of healthcare professionals.

A 15-member second committee will undertake internal security audits at AIIMS and its outreach campuses with regard to the safety and security of healthcare professionals, staff, patients and visitors.

"The committee is requested to deliberate in detail regarding any additional safety and security measures required in the AIIMS campuses and submit its recommendations to the undersigned at the earliest for speedy implementation", the letter said.

The AIIMS administration has also decided to install AI-enabled CCTV cameras at key entry and exit points of its mother and child block on a pilot basis.

A day after the Supreme Court ordered the deployment of Central Industrial Security Force (CISF) at RG Kar, a team of the central paramilitary force on Wednesday visited the state-run medical establishment and inspected the security arrangements. Meanwhile, West Bengal Governor CV Ananda Bose visited the residence of the woman doctor who was raped and murdered at Kolkata's RG Kar Medical College and Hospital, and spoke to her parents.

## Remove details of deceased: MeitY to social media firms

The Ministry of Electronics and Information Technology (MeitY) on Wednesday asked all social media firms to comply with a recent Supreme Court order in the Kolkata rape-and-murder case, and remove all the personal information, including audio-visual media, related to the deceased from the internet.

The Ministry in its directive also said that failure to comply with the Supreme Court's order may result in legal consequences and further regulatory action.

The directive came after sensitive information of the deceased were found to be disseminating online. **BS REPORTER**

## [ TECH DIGEST ] mybs.in/tech

### BLACK MYTH: WUKONG GAME IS A HIT ON LAUNCH



Launched by the Tencent-backed startup Game Science, *Black Myth: Wukong* has quickly become one of the most popular games on Steam. According to Reuters, the game, inspired by the Chinese mythological figure Sun Wukong and the classic novel *Journey to the West*, reached 1.4 million concurrent players shortly after its release, securing the top spot on Steam's most-played games chart.

### Apple releases iOS 18 final betas

Apple has released iOS 18 developer beta 7 along with public beta 5 for eligible iPhone models as it approaches the launch of the iPhone 16 series. While Apple has not specified the new features in iOS 18 developer beta 7, public beta 5 mainly focuses on bug fixes and performance improvements. This is typical as an operating system nears the end of its beta cycle and approaches its stable public release.



## Chairman's AGM Speech

At the 50th Annual General Meeting Held on Wednesday, August 21st, 2024

**P.M. Prasad**  
Chairman -cum- Managing Director



**Coal India Limited**  
A Maharatna Company  
CIN: L23109WB1973GOI028844  
[www.coalindia.in](http://www.coalindia.in)



Dear Shareholders,  
I am delighted to welcome you all to 50th Annual General Meeting of your company, Coal India Limited. The Directors' Report and Financial Statements for the year ended 31<sup>st</sup> March 2024 together with the report of Statutory Auditors and report and review of Comptroller & Auditor General of India are already with you. I am sure you are fully aware of the physical & financial performance of your company.

In India, Coal, is the unmatched primary commercial energy which accounts for 55% of the total energy. Despite the country's deep commitment to renewable energy, for climate change considerations, coal would continue to be pivotal for few more years.

Factors that weigh in heavily in favour of coal are its abundance, availability and affordability making it the preferred fuel of choice. Its accessibility for extraction and reliability of supplies are other supplementing factors.

Indian Coal resources stand at 379 Billion Tonnes (Bt) currently of which 199 Bt is in proven category. Importantly, for the citizens of the country coal based power is highly affordable compared to other sources.

Virtually empowering the power sector, coal based power generation is around 70% in India compared to the world average of 36%.

Additionally, coal continues to play vital role in many non-power industries as well viz cement, fertilizers, sponge iron, aluminum and a host of other industries.

As per the National Power Portal's fuel wise generation, coal based electricity generation outweighs the renewable energy (excluding large hydro) by over five fold.

Coal India Limited (CIL) spearheads the country's coal production contributing to around 80% of the Nation's entire coal output. Your company is committed to increase the production and supplies of the quality coal to the mandated levels to ensure the country's citizens gets power at just price.

CIL supplies coal to the Indian consumers at highly competitive cost compared to international coal prices despite the increase in various input costs, especially diesel, explosives, and wages. At the same time, CIL delivers healthy dividends to its shareholders.

Apart from its resilient presence in energy sector CIL also has a strong role in the country's economy and social canvas.

Your company is one of the largest contributors to the government ex-chequer - both Central and State - and touches the lives of the countrymen in multiple ways through its corporate social responsibility initiatives.

Coal production of 773.647 MT during FY 2023-24 achieved 99.16% of the annual target of 780.20 MT registering 10% growth over last fiscal year. In a remarkable production surge, incremental gain during the previous two financial years combined (2023-24 & 2022-23) was a mammoth 151 MT which is higher, by 22.6 MT, than the cumulative growth of 128.4 MT of previous seven years (2014-15 to 2021-22).

Topping the production among CIL's subsidiaries, MCL has breached the 200 MT production mark emerging as the country's first coal company to have achieved this distinction with an inspiring production of 206 MT of coal during 2023-24.

CIL produced 60.433 MT of coking coal in FY 2023-24 with a growth of 10.65% over last fiscal's 54.618 MT. Raw coal feed to washeries also has taken an upward turn to 7.18 MT marking a growth of 17.7% compared to 6.1 MT of FY 2022-23. Clean Coal Production has touched 2.26 MT which is a 7 year high reflecting a growth of 5% over 2.16 MT of FY 23.

For the first time in 14 years, since FY 2010, CIL was able to arrest the declining trend in UG production and produced 26.021 MTs bettering the previous fiscal's UG production of 25.49 MTs clocking a growth of 2.1%.

Devra OCP, SECL maintained its peak position amongst all mines of CIL as well as in India by achieving 59.11 MT production during FY 2023-24 and recording a growth of 6.61 MT over last year.

Sustaining the high growth trend of previous financial year, CIL extracted 1964.144 million cubic metres (McuM) of OB overtaking the annual target of 1837.565McuM Achieving 107% of the target satisfaction.

This is the second consecutive year that CIL has surpassed its OBR target. OBR growth bodes well for CIL in getting fully ready to ramp up the production. OBR facilitates faster coal extraction and would be catalysing pursuing a challenging production target of 838 MT in FY 2024-25.

Total coal off-take scaled up to 753.52 MTs with an incremental growth of 58.8 MTs compared to 694.68 MTs of FY 2023. Off-take grew by 8.47% during the year.

Satisfying the coal demand, supplies to coal fired plants peaked to an unprecedented 619.7 MTs meeting 101.59% of the 610 MTs demand projected by the Ministry of Power and Central Electricity Authority.

Compared to 586.58 MTs off-take to power sector in FY 2023 the increase in volume terms was 33.12 MTs, which is a growth of 5.64%.

In tandem with physical performance of FY 2023-24 your company's fiscal performance also peaked to an all-time high. CIL posted a profit after tax of Rs. 37,369 Crores logging an impressive 17.8% growth over last financial year's restated PAT of Rs. 31,723 Crores. In absolute terms the surge in profit was Rs. 5,646 Crores.

Profit Before Tax of Rs.48,813 Crores was higher by 12.8% compared to restated PBT of Rs.43,275 Crores of FY 2022-23, with an increase of Rs..5,538 Crores in gross terms. Revenue from operations rose by 3% to Rs.1,42,324 Crores over a high base of Rs. 1,38,252 Crore of previous financial year.

Net Sales were up to Rs.2,899 Crores to Rs.1,30,326 Crores compared to Rs. 1,27,627 Crores of FY 2022-23.

Earnings per share logged a healthy 18% growth. CIL reported Rs. 60.69 EPS compared to Rs.51.54 of previous financial year.

Market Capitalization at Rs. 2,67,524 Crores more than double by a phenomenal 103% as of 31 March 2024 to Rs. 1,31,667 Crores as of 31 March 2023.

Earnings before interest, tax, depreciation, amortization, impairment (EBITDA) - the measure of a company's financial performance - has risen by 9% during FY 2023-24 to Rs.

51,793 Crores from Rs.47,723 Crores in FY22-23. EBITDA as percentage of Net Sales was 40% compared to 37% of FY 2022-23.

**Quality Coal Supply:** The efforts for better quality coal supplies reflected a positive jump as the grade conformity improved to 76% during FY 2023-24 from 70% over preceding year as per the Third-party sample analysis results received till 31.03.2024.

**Rake loading up:** Daily average rake loading was at its highest ever level of 291.9 rakes/day against 273.6 rakes/day during the corresponding period of 2022-23, registering a growth of 6.68%. Rake loading for Power Sector consumers was also at the highest ever level of 268 rakes/day against 259.4 rakes/day during the same period last year, registering a growth of 3.31%.

Tenure of FSA increased to 10 years from present level of 5 years for all subsectors to ensure sustained supply of coal.

**MDOs:** Out of the 15 MDO projects identified for implementation in MDO mode, (11 OC and 4 UC), having combined capacity of 173 MT/Y, work order for 14 Projects of 161 MT/Y capacity have been issued where mining operations have begun in 4 projects which contributed around 9.55 MTs of coal in FY 2023-24.

**Approval of Projects:** 16 coal mining projects having a total capacity of 170.46 MT/Y (incremental capacity of 85.66 MT/Y) with a total sanctioned capital of Rs. 27,087.89 Crores were approved in FY 2023-24.

**FMC Projects:** For environmentally cleaner and quality coal loading CIL is pursuing mechanized coal transportation through 72 first mile connectivity (FMC) projects having a cumulative loading capacity of 837.5 MT/Y Capacity when all become fully operational.

15 FMC Projects of 200.5 Mty have been commissioned till FY-23-24. As on 31<sup>st</sup> march, 2024, the total rapid loading capacity of CIL is 351.50 Mty (200.50 Mty + Existing capacity of 151 Mty).

Expectedly, by FY 2029-30, CIL shall be having an ecofriendly rapid loading capacity of 988.5 MTPA including 151 MTPA capacity already existing.

Revisiting abandoned UG mines. In a bid to tap the latent coal reserves of some of its closed and discontinued underground mines CIL has awarded 11 such mines on revenue sharing model to successful bidders of the private sector in FY 2023-24. The cumulative peak rated capacity is 17.86 million tonnes/year (MT/Y) while the total extractable reserves are estimated at 267.54 MT. The minimum revenue to be shared is 4%. The contract period is for a maximum of 25 years. A total of 24 mines have been awarded so far out of 34 identified mines.

The advantages are conservation of resource, effective substitution of imported coal for non-regulated sector with good quality coal locked up in these mines and provision of livelihood to the local communities where these mines are revived. From environmental point of view there would be no land degradation as the mining infrastructure is already in place. CIL is also identifying few more mines for the purpose to attract wider participation with bid norms relaxed.

CIL is intensifying the deployment of mass production technologies in its UG mines aiming to produce 100 MTs by FY 2030. During the year, six Continuous Miners have been deployed as part of strategy to boost UG mechanization with Mass Production Technology. Further, three Highwall Miners have been commissioned during FY 24 in ECL, WCL and SECL.

To ensure seamless transportation of coal through rail mode especially from mines having high production potential, CIL has invested in the construction of new rail lines. Some of the major developments in FY 2023-24 are:

Financial Closure has been achieved for CERL Ph-II Rail Project (Dharamjigarh to Urganforba) on 28 August 2023.

The following three major rail lines have been commissioned during the year. (i) CERL Ph-I Rail Project of 99.95 KM which includes Khania to Dharamjigarh Main Line, Gharghoda to Bhakumda Spur Line and Feeder Lines to Chhal and Baroud (ii) Doubling of Jharuguda-Barpali-SardagaRailLine and (iii) Tripling of In-ShivpurRailLine (CCL/Jharkhand).

CIL's capital expenditure as whole has risen by 26% on year to Rs. 23475.41 Crores ending FY 2024, the highest till date. Comparatively, the capex was Rs. 18,619 Crores in the preceding fiscal year. CIL achieved 142% target satisfaction over the year's capex target of Rs. 16,500 Crores. For the fourth fiscal on sequence CIL's capex breached the budgeted target.

**Renewables:** Solar power generation lists prominently in CIL's drive towards net zero emissions. Installations stand at approximately 62.68 MW by FY 23-24, out of which 71.63 MW Solar capacity have been commissioned during the year. Further, approximately 223 MW (45 MW BCLL, 50 MW WCL, 15 MW WCL, 20 MW SECL, 35 MW ECL, 44 MW CCL and 14 MW Roof Top) are under implementation stage.

Additionally, solar projects of approximately 561 MW (400 MW - Gujarat, 46.5 MW SECL, 10 MW WCL, 105 MW WCL) are under tendering stage. Solar Power generation stands at 29.219 Million units as of FY 2024 end.

**Thermal Power Plants:** To support nation's endeavours for cleaner, affordable and reliable energy, CIL has geared up to set up several super-critical / ultra-supercritical pit-head thermal power plants. Site identification and pre-feasibility studies for the flagship initiative of 2x800 MW (Phase-I) through Mahanadi Basin Power Limited has been completed. Acquisition of land and appointment of PMC is under final stages.

Additionally, CIL is in process identifying potential land banks in and around its subsidiaries for development of pit-head thermal power plants.

With an objective to reduce the import dependence of critical minerals like lithium, cobalt, CIL is actively pursuing acquisition of these mineral assets in India and abroad.

Under the domestic initiatives, CIL has successfully opened its first in domestic critical mineral asset emerging as the preferred bidder for KhatliChhoti graphite block in Ailrapur district of Madhya Pradesh. It would be CIL's first ever non-coal mineral mining venture.

The above feat was achieved under Tranche-II Forward Auction held on 9 July by the Ministry of Mines. CIL will continue to participate in e-auction of critical mineral blocks offered by the Ministry of Mines.

**Hindustan Urvarak & Rasayan Ltd.**, a JV of CIL, IOCL, NTPC, FCIL and HFCL was mandated for setting up of natural gas based urea projects at Gorakhpur (UP), Sindi (Jharkhand) and Baruni (Bihar). During the last year all three plants are running at 100-105% load, and producing 4000 TPD each. HURL has recorded a profit of INR 1324.49 Crores for the FY 2023-24.

**Talcher Fertilizers Limited**, a Joint Venture of CIL, GAIL, RCF and FCIL set up for an integrated Coal gasification based urea project at Talcher (Odisha), in February 2024 received the approval of Cabinet Committee on Economic Affairs (CCEA) for additional equity investment by CIL in TFL beyond the ceiling mandate by the DPE guidelines. The project has achieved overall construction progress of around 58% till March 2024.

**CIL & BHEL for coal to ammonium nitrate:** For coal gasification CIL has added a new subsidiary under its fold, Bharat Coal Gasification and Chemicals Limited. This is a JV between CIL and BHEL where CIL holds 51% equity and BHEL 49%. The objective is to engage in coal gasification to produce syn-gas, ammonia and nitric acid as intermediate products and ammonium nitrate (AN) as end product. AN is a major ingredient in manufacturing of bulk explosives which CIL uses in large quantities in its OC mining operations. The plant to come up in Lakharpur area of Mahanadi Coalfields Limited, Odisha is planned to produce 2000 tons of AN per day with annual production pegged at 6.60 Lakh tons. The coal requirement of around 1.3 MTs coal will be supplied by CIL from MCL.

**CIL & GAIL:** CIL and GAIL (India) Limited signed an agreement for setting up a Coal to Synthetic Natural Gas (SNCG) plant using surface coal gasification (SCG) technology. The plant to come up in Raniganj area of Eastern Coalfields Limited, West Bengal is planned to produce 80000 Nm<sup>3</sup> per hour of Synthetic Natural Gas (SNG). The annual production is slated at 633.6 Million Nm<sup>3</sup> per hour which will require 1.9 million tonnes (mts) of coal. The coal will be supplied by CIL. The synergy and partnership of the two corporate giants is a big step towards National Coal Gasification Mission which facilitates utilization of chemical properties of coal.

Synthetic Natural Gas (SNG) is a fuel gas predominantly consisting of methane, CH<sub>4</sub> which is a feedstock for production of various chemicals and fertilizers. The upcoming plant would help in securing the raw material and reduce import dependency of Natural gas and promoting Atmanirbhara Mission.

**Integrated Command and Control Centre:** During the year, mandate has been issued to adopt Integrated Command and Control Centre (ICCC) based on Artificial Intelligence and Machine Learning based video Analytics in all CIL's subsidiaries. This was initially set up in WCL. ICCC generates event-based recording that triggers alert for anomalies. It is being used for monitoring crowd detection, camera tampering, intrusion detection, vehicle count and automatic number plate recognition of vehicles.

**e-MB Portal:** CIL has launched an in-house developed e-MB and e-Billing Portal with seamless two way interface with ERP system in line with General Instructions issued by Procurement Policy Division, Department of Expenditure. The portal integrates enhanced security measures and greater transparency, minimizes disruption in workflow processes while enhancing data accuracy, measurement handling ensuring accuracy in computation and eliminates delays in calculation processes; and utilizing "train the trainer" concept, ensures effective dissemination of knowledge and skills to users across CIL and its subsidiaries.

**Enterprise Resource Planning (ERP):** ERP system has been successfully stabilized throughout CIL serving as the sole source of information for critical operations ranging from production data, inventory management, equipment status, ongoing project status and workforce details etc. The ERP dashboard offers real-time insights for informed decision-making and has been enhanced with alert features for each of the seven modules.

The Hospital Management System (HMS) is deployed across 21 hospitals of CIL and its subsidiaries for seamless integration with ERP for one-stop patient management system. Interfaces have been established with external agencies such as the e-MB portal, National Coal Portal bill reconciliation portal for consumers, Utlam Portal to ensure smooth data flow ensuring transparency.

Setting a record high, CIL along with its subsidiaries has procured Rs.99305.38 Crore worth of goods and services through Government e Marketplace (GeM) in FY 2023-24. This has outweighed the annual procurement target of Rs. 30,000 Crores by 3.31 times.

CIL and its subsidiaries have utilized Rs. 654.49 crore on CSR initiatives in FY 2023-24 against the statutory requirement of Rs. 547.59 crore, that is, 119.52% achievement. Other notable events of FY 2023-24 were inauguration of Medical college cum hospital at Angul, Odisha and cardiac care hospital at Jharuguda, Odisha; offering assistance through CIL's flagship CSR project 'Thalassera BasSewaYojana' to 500 underprivileged children for Bone Marrow Transplant. As recognition of this endeavor the project also won CLOEAL GOLD in the Fuel, Power & Energy Category in the internationally acclaimed 'Green World Awards-2024'.

Safety of mines are of utmost importance and CIL is committed to safe and sustainable mining practice, prioritizing the well-being of employees. FY 24 had 28 fatalities and 45 serious injuries as against 21 and 60 in FY 23 respectively. Safety Audit has been completed in all mines of CIL and adequate preventive measures have been taken including introduction of new Occupational Health and Safety Policy to ensure safety and well-being of employees across all mines and establishments.

The high-impact projects for the development of the peripheral areas of coal mines include Digitizing education in high schools of 11 districts in Jharkhand; setting up Multi Skill Development Institutes (MSDIs) in each subsidiary of CIL; scheme for financial assistance to needy candidates from coal mining districts of CIL who clear the preliminary round of Civil Service Examination; construction of girls' hostels at IIT, Bombay and IIT, Rourkela; supporting coaching of needy students for various entrance examinations such as JEE, NEET etc.

During the year, Coal India spent around Rs.17.90 Crore towards creation of sports

infrastructure, assistance to players excelling in their respective fields and sponsorship of major sports events.

Executives across different levels and disciplines were imparted training in premier management & technological institutes like IIMs and IITs during the year. A total number of 1,02,303 employees both executives and non-executives across CIL have been trained through various in-house and external programs. 40,056 Contractors' workers were imparted Skill Development trainings in CIL's Vocational Training Institutes in accordance with Mines Vocational Training Rules. 6,900 apprentices were engaged and imparted one year on-the-job-training at CIL & Subsidiaries.

**Plantation:** For the first time CIL's plantation area has exceeded 2,000 Hectares in FY 2023-24. Stepping up the greening efforts in mining areas CIL's subsidiaries have increased the plantation area to 2167.61 Hectares surpassing the annual target of 1,820 Hectares. This includes 15.9 Ha Miyawaki Plantation and additionally greening has been done on 248.65 Hectares. A total of 44.40 Lakh saplings have been planted during the year. This is for the third fiscal year on trot that CIL has scaled over its plantation target hectare wise.

**Creation of Eco-Park:** Eco-parks have been growing in popularity as tourism spots against the backdrop of mining theme. CIL has been creating eco-parks as a part of land reclamation as well as to boost local tourism and promote conservation in mining areas. In addition to existing 30, CIL has developed 2 more eco-parks, one each in WCL and WCL during FY 2023-24 over an area of 10.5 Ha at Rs. 12.49 Crores.

**Mine Water Utilization:** CIL effectively uses the discharged mine water for domestic and industrial purposes. 2,595.29 Lakh Kilo Litres (LKL) mine water was utilised for own use and 2,591.42 LKL for community supply including domestic and irrigation purpose benefiting 11.62 lakh people in 857 villages. In addition, CCL offered 1,081 LKL mine water to State of Jharkhand under MoU where the anticipated beneficiaries are 19 Lakh people.

**Energy Efficiency Measures:** In a bid to reduce carbon-di-oxide emissions in its mining areas, CIL has undertaken several energy efficiency measures. These include installation of 1,12,112 LED lights, 1,968 energy efficient ACs, 43,407 super fans, 151 e-vehicles, 402 energy efficient water heaters, 330 energy efficient motors and 1,316 auto timers in street lights during the year. The cumulative effect since the initiation of these measures three years ago till FY 2023-24 was saving 12.84 Mill Units of electrical energy per year and reduction of 1,05,319 tonnes of CO<sub>2</sub> emissions per year.

**OB to Sand:** Towards sustainable development goal, CIL is utilizing overburden material for making sand. The eco-friendly move has potential to partially avoid sand mining and dredging from water courses of rivers which severely affect the eco-system of rivers. Four such sand segregation plants, two in WCL and one each in ECL and NCL have cumulatively produced 3.08 Lakh Cubic metres of sand from OB so far. This initiative makes cheaper sand available for commercial and internal use. Four more such plants, one each in WCL, SECL, CCL and BCL are in tendering stage. Overburden is also utilized for other purposes like road construction, construction of railway siding, civil works etc. 4.33 Lakh Cubic metres of OB has been used in FY 2023-24 for such purposes generating a revenue of Rs. 14.80 Crore for the company.