

# KALEIDO SCOPE

STANDING CONFERENCE OF PUBLIC ENTERPRISES



**Executive Development Program for Executives of CPSEs organised by SCOPE Academy of Public Sector Enterprises (APSE)**



**Interaction with Assistant Director General, ILO**

**SCOPE represents PSEs at MSME Expo 2022**



**SCOPE organises Workshop on Preparation of Financial Statements as per Best Financial Reporting Practices**

**SCOPE and PSEs celebrate Independence Day**



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# The Lignite Giant now Ignites the Nation with Clean & Green Energy...



For more than six glorious decades, NLC India Limited has been a forerunner amongst the Public Sector Undertakings in the country in the energy sector, contributing to a lion's share in lignite production and significant share in thermal power generation. Today the company is mining 50.60 Million tonnes of lignite and coal Per Annum and generating 6061 MW of Thermal power including its subsidiaries. NLCIL has big dreams to become a 17,171 MW company by 2030. It has plans to enhance its lignite and coal mining capacity to 84.10 Million Tonnes Per Annum.

To reap the benefits of the renewable energy revolution, as a part of the National Solar Mission, Government of India has set a target to achieve 1,75,000 MW of Solar Power by 2022. NLCIL has an ambitious plan to establish 6031 MW of renewable energy projects including 200 MW Wind Power Projects in Tamilnadu and various states. Presently, the Company has a total renewable energy capacity of 1421 MW which includes 1370 MW of Solar Power Plants and 51 MW Wind Power Plant. NLCIL is the first CPSE to cross 1 GW capacity in solar power generation and became the member of International Solar Alliance (ISA)

#### Renewable Energy Projects under operation

- 141 MW Solar Power Projects (SPP) including Roof top solar project at Neyveli. A 10 MW Solar Power Project in Neyveli, under Mini Smart City Scheme is under construction.
- 1209 MW Solar Power Projects at Tirunelveli, Virudhunagar, Ramanathapuram and Thoothukudi Districts of Tamilnadu.
- 200 KW, R&D Pilot Scale Floating SPP in Neyveli New Thermal Power Project's Raw Water Reservoir.

- 20 MW SPP, integrated with 8 MWhr Battery Energy Storage System at South Andaman Island. This is the largest battery bank in India for catering the variation in solar insolation.
- 51 MW (34 x 1.5 MW) Wind Power Project at Tirunelveli District in Tamilnadu.

#### Renewable Energy Projects under consideration

- A JV Company, "Coal Lignite Urja Vikas Pvt Limited" is incorporated on 10.11.2020 with Coal India Limited for establishing 3000 MW Solar Power Projects at various parts of the country.
- An MoU was signed with Assam Power Distribution Company on 09-08-2022 to develop 1000 MW Solar Power Project in the State of Assam
- Won bid for 660 MW Solar Power Projects, floated by Solar Energy Corporation of India (SECI) and Indian Renewable Energy Development Agency (IREDA)



## NLC India Limited

'Navratna' - Government of India Enterprise

Registered Office : 135, EVR Periyar High Road, Kilpauk, Chennai - 600 010.

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## Message by Chairperson

**P**ublic Sector Enterprises (PSEs), with their presence in the core sectors of the economy, have been serving the broad socio-economic objectives of the nation since independence. Transcending with the times, PSEs are making foray into the future, with new emergent technologies, keeping pace with the paradigm shifts at workplaces, diversifying their reach and making their mark globally.

Reiterating PSEs' significance in the Indian economy, the recently published Public Enterprises Survey 2020-21, by Department of Public Enterprises (DPE), mentions that the overall Net Profit of operating CPSEs during FY 2020-21 stood at Rs. 1.58 lakh crore, as against Rs. 0.93 lakh crore during FY 2019-20, showing an increase of 69.48%.

Over the past few months, participating in the nation's celebration of the country's 75 years of Independence, PSEs have been undertaking various activities under the Azadi ka Amrit Mahotsav (AKAM). As part of this, 'Har Ghar Tiranga' campaign was launched by the Government of India, to encourage citizens to bring the Tiranga, our national flag, home and hoist it to not only to mark the 75<sup>th</sup> year of Indian Independence but also to create a personal connection. PSEs participated in this campaign wholeheartedly through various events to enhance awareness about Indian independence struggle and about the national flag. PSEs efforts have invoked a feeling of patriotism not only amongst the employees and their families but also amongst the citizens in the peripheral areas.

SCOPE, as a facilitator for knowledge enhancement, continues to conduct various programs relevant to PSE functioning. A need for addressing important issues, judicial pronouncements & latest developments related to RTI Act was felt. Towards addressing this need, SCOPE will be conducting a National Meet on RTI Act from 14<sup>th</sup> to 16<sup>th</sup> September, 2022 in Leh, Ladakh. Given the pertinence of the topic, I request our PSEs to show support and participate in this important upcoming event in large numbers.

SCOPE APSE also recently organised an Executive Development Program on the theme 'The Career Journey to Personal Effectiveness and Leadership', aiming to enhance the organizational capabilities and knowledge of executives at all levels in PSEs.

Also, through its various ongoing and planned associations with renowned institutions and academia, SCOPE continues to scale-up its efforts to instil competitiveness in PSEs by conducting workshops, studies and research work. For our efforts, we thank our members for their continued support and look forward to suggestions, feedback to exhort towards attaining excellence.

**Soma Mondal**  
Chairperson, SCOPE

# “NATIONAL MEET ON RTI ACT”

September 14<sup>th</sup> to 16<sup>th</sup> (Wednesday to Friday), 2022



**Inauguration**  
by

**Shri Radha Krishna Mathur, IAS (Retd.)**

Hon'ble Lt. Governor, Ladakh

&

**Guest of Honour**

**Mr. Y.K. Sinha, IFS (Retd.)**

Chief Information Commissioner, CIC

Organised by  
**STANDING CONFERENCE OF PUBLIC ENTERPRISES (SCOPE)**

**VENUE: Hotel The Zen, Leh, Ladakh Sheldan, Fort Rd, Leh, Ladakh- 194101**

## Director General's Desk



In today's volatile and dynamic work environment, for organisations to flourish, capacity building or skill enhancement have become a prerequisite for success. SCOPE, as the apex body of PSEs in India, endeavours to hone the talent in PSEs and create an ingenious, innovative and inquisitive mindset amongst the workforce.

Reckoning the gigantic impact of Climate Change in today's time and need for building capacities towards its mitigation, SCOPE in collaboration with GIZ, Germany, organised a series of workshops across the nation, for developing climate resilient pathways and green skills as per international standards. The training sessions were very well received and acquainted participants of the various facets of Climate Change.

The SCOPE Academy of Public Sector Enterprises (APSE) created with an aim to create a talent pool of PSE executives, recently conducted an Executive Development Program on 'The Career Journey to personal effectiveness and leadership,' where participants accrued knowledge on enhancing their careers.

As the current decade, defined by technology is being called the 'Techade', adapting to latest and emerging technologies has gained prominence like never before. I recently had the opportunity, to address

NIET's National Seminar on 'Role of Government Agencies in Innovation and Start-ups,' where I shared that while we should adapt to newer technologies rapidly, the mantra should be of learning through unlearning.

As part of representing Indian PSEs at various forums, SCOPE has been working in close association with organisations like the International Labour Organization (ILO), Geneva. In a recent meeting with Assistant Director General and Regional Director, ILO Regional Office for Asia and the Pacific, Smt. Chihoko Asada-Miyakawa, various initiatives pertaining to SCOPE-ILO India's collaboration, activities undertaken and the future roadmap were deliberated.

SCOPE also recently represented PSEs at the 8<sup>th</sup> MSME EXPO 2022, where I had the opportunity of highlighting the role of PSEs and how they have been a strong proponent of strengthening MSMEs.

Organising workshops, training session on pertinent topics remains a core objective for us. In keeping with the same, in the upcoming months SCOPE is organising National Meet on RTI in Leh, Ladakh and Hon'ble Lt. Governor of Ladakh, Shri Radha Krishna Mathur, IAS (Retd.) has been invited to be the Chief Guest in the Inaugural Session.

At SCOPE, we are constantly working towards creating opportunities for overarching excellence amongst PSEs, through knowledge sharing and constant learning and we will continue to bring the most sought-after programs, with experts from across the globe. I hope and look forward to our members for their continued support in all our endeavours.

| Programmes & Initiatives launched (since last issue of KALEIDOSCOPE)   |
|--|
| SCOPE & PSEs celebrate 'Har Ghar Tiranga' - 13 <sup>th</sup> - 15 <sup>th</sup> August, 2022   |
| SCOPE celebrates Independence Day - 15 <sup>th</sup> August, 2022  |
| SCOPE APSE's 12 <sup>th</sup> Executive Development program for Executives of CPSEs - 22 <sup>nd</sup> - 27 <sup>th</sup> August, 2022 |
| Programmes & Initiatives in offing   |
| National Meet on RTI Act - 14 <sup>th</sup> -16 <sup>th</sup> September, 2022  |
| MoU between SCOPE & GIZ, Germany   |

*Atul Sobti*  
Atul Sobti

Director General, SCOPE

## Executive Development Program by SCOPE Academy of Public Sector Enterprises (APSE)



Shri Atul Sobti, DG, SCOPE addressing the participants during the inaugural session.

SCOPE Academy of Public Sector Enterprises (APSE) recently organized 12<sup>th</sup> Executive Development Program on the theme 'The Career Journey to Personal Effectiveness and Leadership' from 22<sup>nd</sup> – 27<sup>th</sup> August, 2022. Shri Atul Sobti, DG, SCOPE inaugurated the weeklong program designed to nurture a talent pool of PSE executives in today's competitive business scenario. Participants from 13 Public Sector Enterprises



Shri Anupam Mishra, Director (Commercial & HRD), WAPCOS Ltd. and Member, SCOPE Executive Board addressing the participants during the concluding session.

from across the country attended the program. During the inaugural session, Shri Atul Sobti addressing the participants said that to be successful, one must first know and own their organisation. Being responsible and sincere to their work, he added, will help employees reach the zenith of success, in their careers.

After a weeklong session on career development techniques and how to prepare and face challenges in one's career, in the concluding session, Shri Anupam Mishra, Director (Commercial & HRD), WAPCOS Ltd. and Member, SCOPE Executive Board distributed certificates to the participants. Also, in his address he said the participants must share their experiences and best practices with each other to learn and adapt for overall development and congratulated SCOPE for organizing the program on such a pertinent topic. ■

Participants of 12<sup>th</sup> Executive development program of SCOPE APSE.



# Interaction with Assistant Director General and Regional Director for Asia and the Pacific, ILO



Shri Atul Sobti, DG, SCOPE during meeting with Ms. Chihoko Asada-Miyakawa, Assistant Director General and Regional Director, ILO Regional Office for Asia and the Pacific, Ms. Dagmar Walter, Country Director, ILO and other senior ILO officials.

**S**COPE and the International Labour Organisation (ILO), Geneva, SCOPE have been long associated for working in coherence on topics concerning the world of work and various labour issues being faced by PSEs.



A meeting between ILO officials and representatives of employers' organisations was held on 28<sup>th</sup> July, 2022. Representing PSEs at the meeting, Shri Atul Sobti, DG, SCOPE met Assistant Director General and Regional Director, ILO Regional Office for Asia and the Pacific, Ms. Chihoko Asada - Miyakawa on 28<sup>th</sup> July, 2022. Ms Dagmar Walter, Country Director, ILO and Shri Ravi Peiris, Senior Specialist, ILO besides other employers' representatives were also present during the meeting.

Discussions pertaining to various initiatives undertaken by SCOPE and ILO, India such as Study on 'Impact of Work from Home' (WfH) on Women Executives and Managers in PSEs in India; creation of 'Network of Champions' of women executives of PSEs were held. The future roadmap of SCOPE-ILO association with an aim to embark on even more pertinent issues and to create a decent world of work, was also deliberated. ■

## SCOPE in association with ICAI organises Workshop on Preparation of Financial Statements as per Best Financial Reporting Practices



CA Anuj Goyal, Chairman, Research Committee, ICAI addressing the workshop in the presence of Shri Pradip Kumar Das, CMD, IREDA and Vice Chairman, SCOPE and Dr. Amit Kr. Agrawal, Secretary, Research Committee, ICAI.

SCOPE organised an interactive Workshop on 'Preparation of Financial Statements as per Best Financial Reporting Practices' on 29<sup>th</sup> July, 2022. The workshop held in association of the Research Committee of The Institute of Chartered Accountants of India (ICAI), was addressed by Shri Pradip Kumar Das, CMD, IREDA and Vice Chairman, SCOPE; CA Anuj Goyal, Chairman, Research Committee, ICAI; Dr. Amit Kr. Agrawal, Secretary, Research Committee, ICAI; and other members of ICAI. The program was attended by 78 participants from 26 Public Sector Enterprises (PSEs).

The program focused on the Overview of Accounting Standards & Indian Accounting Standards and Preparation of

Financial Statements as per Best Financial Reporting Practices of PSEs.

Shri Pradip Kumar Das in his address said that Financial reporting is the most crucial and critical document of any organisation, that represents the entire gamut of activities to company's stakeholders. He



Shri Pradip Kumar Das, CMD, IREDA and Vice Chairman, SCOPE addressing the participants during the workshop.

emphasised on the quality and timing of the report, adhering to the standards set by ICAI, as the most pivotal part.

CA Anuj Goyal, Chairman, Research Committee said that as PSEs are known to have the most efficient and transparent financial and accounting practices, such programs organised by SCOPE and ICAI, will help enhance the knowledge of PSEs professionals in financial practices and have the best presented accounts.

Giving the program overview, Dr. Amit Kr. Agrawal, Secretary, Research Committee, ICAI said that this workshop was organised by SCOPE in association with ICAI with an aim to encourage, empower and guide finance professionals across PSEs. ■

# SCOPE & GIZ, Germany collaborate for building green skills of PSEs



Training for the Northern Region PSEs held on 20<sup>th</sup> and 21<sup>st</sup> September, 2021 in New Delhi.



Training for the Eastern Region PSEs held on 28<sup>th</sup> and 29<sup>th</sup> September, 2021 in Bhubaneswar.



Training for Southern Region PSEs held on 13<sup>th</sup> and 14<sup>th</sup> December, 2021 in Bengaluru.



Training for Western Region PSEs held on 13<sup>th</sup> and 14<sup>th</sup> June, 2022 in Mumbai.

**R**eckoning the gigantic impact of Climate Change and need for building capacities towards its mitigation, SCOPE & GIZ, a German public-benefit federal enterprise, organised a series of workshops across the nation for developing climate resilient pathways and green skills as per international standards.

Acquainting upon various facets of Climate Change Mitigation imminent for a sustainable future, these workshops held in New Delhi, Bhubaneswar, Bengaluru and Mumbai brought together participants from PSEs in every nook and

corner of the country to gain insight on topics such as Climate Policy; Climate Leadership; Carbon Pricing; Carbon Markets; Climate Finance, amongst other issues.

These workshops were built upon SCOPE-GIZ's comprehensive report on 'Low Carbon and Climate-Resilient Pathways for Indian Public Sector Enterprises.' SCOPE, as the apex body of Indian PSEs, in the recent past has undertaken a series of studies, research work on various subjects including Climate Change, Women Empowerment, Leadership, Digital Transformation among others. ■

# DG, SCOPE addresses Seminar on 'Role of Government Agencies in Innovation and Start-ups'

Noida Institute of Engineering and Technology (NIET), Noida organised a National Seminar on 'Role of Government Agencies in Innovation and Start-ups' on 20<sup>th</sup> August, 2022. Shri Atul Sobti, DG, SCOPE was invited to be the Chief Guest of the seminar. Shri Alok Ranjan, IAS, Former Chief Secretary, Uttar Pradesh also addressed the participants.

In his address, DG, SCOPE said that the subject of the seminar was a very pertinent one, as to how the Government can support two most critical aspects of making the country AatmaNirbhar or Self-reliant with innovation and start-ups.

Emphasising the crucial role of start-ups in the present economic scenario, DG, SCOPE



Shri Atul Sobti, DG, SCOPE addressing participants during the National Seminar on 'Role of Government Agencies in Innovation and Start-ups' at NIET.

emphasised that Public Sector Enterprises (PSEs) are taking various initiatives towards enhancing local capacity to support Government's larger strategic objectives, providing a platform for greater participation of domestic entities.

Calling the youth, future of

the nation, he enthused the participants to have an innovative approach in their work. Prior to the seminar, a presentation was made on NIET TBI incubated start-ups, and NIET also felicitated students for Avishkar Bhoomi grant for prototype development during the seminar. ■

## Celebration of 'Har Ghar Tiranga' campaign in SCOPE

Shri Atul Sobti, DG, SCOPE with employees during the celebration of 'Har Ghar Tiranga' campaign at SCOPE Complex, Lodhi Road.



# SCOPE represents PSEs at MSME Expo 2022



Shri Atul Sobti, DG, SCOPE and other dignitaries during the session on 'Role of Government & PSU's leading the way for Amrit Kal - Vision 2047' at MSME Expo 2022.

MSME Development Forum organized the '8<sup>th</sup> India International MSME Start-up Expo, Trade Fair & Summit -2022' from 25<sup>th</sup> -27<sup>th</sup> August, 2022 in New Delhi. Shri Atul Sobti, DG, SCOPE was invited to address the session on 'Role of Government & PSU's leading

the way for Amrit Kal - Vision 2047'. Shri Kapil Dev Agarwal, Minister of State, Ministry of Vocational Education and Skill Development (Independent Charge) of Uttar Pradesh; Shri Anurag Sharma, Director Onshore & CFO - ONGC; Shri Rajnish Goenka, Chairman, MSME Development Forum and other senior officials were also present during the session.

DG, SCOPE highlighting the role of PSEs in the national economy said Public Sector have played a crucial role in the socio economic development of the nation. Citing data DG, SCOPE shared that Public Sector Enterprises contribute nearly 12% to the nation's GDP and are contributing incessantly to the nation's economy, where 70% Public Sector Enterprises are profit making. Reflecting on the association of PSEs and MSMEs, he added that PSEs have been strong proponent of MSMEs. PSEs procure minimum of 25 per cent of their annual value of goods or services from MSMEs and reiterated on the need for better coherence between the two. ■




## SCOPE FORUM OF CONCILIATION AND ARBITRATION (SFCA)

With a view to expedite settlement of disputes and reduce avoidable expenditure by PSEs, a need was felt by Standing Conference of Public Enterprises (SCOPE), an Apex Body of Public Sector Enterprises, to institutionalize the prevailing system of arbitration which led to formation of SFCA in 2003. The forum was formally inaugurated by Shri Santosh Gangwar, the then Hon'ble Minister of State for Heavy Industries & Public Enterprises and Parliamentary Affairs at SCOPE Complex on 9<sup>th</sup> January 2004.



SFCA has been constituted for resolution of disputes arising out of various contract agreements entered by PSEs in the most cost and time effective manner.

For any queries relating to SFCA, you may contact

**SCOPE FORUM OF CONCILIATION & ARBITRATION (SFCA)**

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**Associate with us and adopt SFCA Clause for resolving disputes in a cost and time effective manner!**



## Comments/Feedback received for SCOPE APSEs 12<sup>th</sup> Executive Development Program for Executives of CPSEs – The Career Journey to Personal Effectiveness and Leadership on 22<sup>nd</sup> – 27<sup>th</sup> August, 2022

Its very Good programme for knowledge enrichment. The workshop boosts team potential.

Excellent training programme conducted by SCOPE. Topics are very relevant to all CPSE Executives. Apart from topics on organizational behaviour, in other topics more case studies, etc. may be included. Time allotted for topics may also be slightly increased.

I attended 'SCOPE - APSE - 12<sup>th</sup> Executive - Development Program from 22<sup>nd</sup> to 27<sup>th</sup> Aug 2022 and I thought it was absolutely great. I would like to say that all the sessions, very active, interesting and well organized and great to share experiences.

The best development program I have attended. Being an operational people at the organization it is good to have gained the knowledge of the many other key things in running a company. Interpersonal development features are the most beneficial one according to me. Hope to attend this type of programme more in future. Leaving the SCOPE authority with and promise with a lot of happiness and memories.

The program gave very good insights on leadership and personal development. During the course of program, many activities were carried out by the participants which were useful to learn team building and manage stakeholder. The learning from RTI lecture, vigilance lecture, labor law lecture, CSR lecture, GRI lecture etc. were very useful and comprehensive. More practice oriented sessions can be added in the program in the time to come, is my humble suggestion for APSE.

It is my first time opportunity to participate in a such fantastic programme. This program will be turning point of life for those the other way of the life. I learnt too much from the program about the living the life in efficient aspect as well as my personal aspect. I remember this program through out my life. I thank to my organization to give this opportunity to attend this program. I also thank to all team members of the program to give such program.

It was a wonderful programme that touched on all important aspects of being an executive.

The training programme was very useful and beneficial. I learnt a lot and apply all these learnings in my organization.



This programme is very good and increases our knowledge and highly productive. These programmes should be attended on regular basis. Lots of learning to be definitely implemented in our day to day work.

This '20 executive development program' was presented in an enthusiastic way. It covers broadly all aspects and affairs related to public sector enterprises objectives. I am highly recommend this self-realisation and learning program.

The programme was very informative. All the speakers imparted a lot of knowledge in their field of expertise. RTI session was very informative and eye opening. And the balance scorecard & self assessment done by will help us excel at our work place and contribute to our company's success.

This program is most Comprehensive Program with different aspects related to PSU working. Enjoyed the Program. special thanks to Mr. Ashok Bhatt sir and Mrs. Sejal ma'am for giving insight with life time experiences. Taking valuable lessons from sessions. Thank You.

Great experience to learn from the industry experts and senior officials from different Ministries. Would definitely like to be the part of such program in the future also.

During the programme, many interesting, new things learnt will be in memory always. If ppt & Syllabus will be sent to our mail, will be more advantageous & we Thank a lot for arranging such a nice programme. 

It is pleasure to opine my views regarding Executive development programme. I have gained conceptual as well as practical on subject matter in wide spectrum. The detail curriculum been covered in short span is appreciable.

I got a very good experience in EDI program, we get very deep practical understanding of topics covered. we get insightful topics to cover. I also want to mention that very Excellent management by SCOPE in terms of Schedule Management, food Hygiene, Coordinating facilities provided to executives etc. ...

- Good Experience
- Insightful
- This learning can be definitely applied in personal & Professional space.

Too Inspiring Programme. would like to attend again & again



# The Governance of Inclusive Growth



**Dr. S. K. Gupta**  
Managing Director  
ICMAI Registered Valuers  
Organization



**Anjali Arora**  
BA (Hons)  
Economics – Final year  
Delhi Technological  
University

The widening gap between rich and poor is not just natural phenomenon. It is a sign that much of what we have been doing, especially in terms of models of economic growth, has been wrong'

– Winnie Byanyima

Over the last four decades, world has witnessed tremendous economic growth across all nations. It would have been a matter of pride and celebration, had it led to a balanced growth for the nation. As per the World Inequality Report, 2022, countries have become richer but not the governments. Increased gaps in income and wealth, is a major fault line of our time leading to adverse economic, social, and political consequences. Deregulation of economies specially emerging economies helped the growth of private wealth leading to unequal sharing of prosperity amongst the social groups. Pandemic acted as catalyst to revelation wherein diminishing aggregate demand and productivity growth lead to depressed economic growth. The current social discontent resulting in, political polarization, and populist nationalism have made the economies more vulnerable to shocks. Islands of prosperity in the Ocean of poverty are not a desirable state and landscape for this world. There is an imperative need to have a relook at the Governance architecture which would facilitate inclusive growth. Amidst the ongoing crises, able leadership is a ray of hope that can bring coordination in current administrative silos. Creating an architecture of performance and accountability with a central idea of inclusive growth is the need of the hour.

## What is Economic Growth?

Economic growth, measured by the gross domestic product (GDP), refers to an increase in the size of a country's economy over a period of time. GDP is the value of the goods and services produced by a country. GDP is measured by multiplying the goods and services produced by their respective factor cost or market prices. Hence the value may be influenced by the inflation. Therefore, economic growth can be measured in both 'nominal' and 'real' terms. Nominal economic growth includes changes in both the volume of production and the prices of goods and services produced. Real economic growth is inflation adjusted and refers to only the increase in the volume of goods and services produced by the country in a period. It is this economic growth which the Economists generally discuss and analyze. Real economic growth is the one that can actually depict the increase in the aggregate production of goods and services in the economy.

Aggregate gains in production, most of the times but not necessarily, correlate with increased average marginal productivity. Following the cycle, this leads to higher incomes and higher consumption leading to better standards of living depicting higher material quality of life.

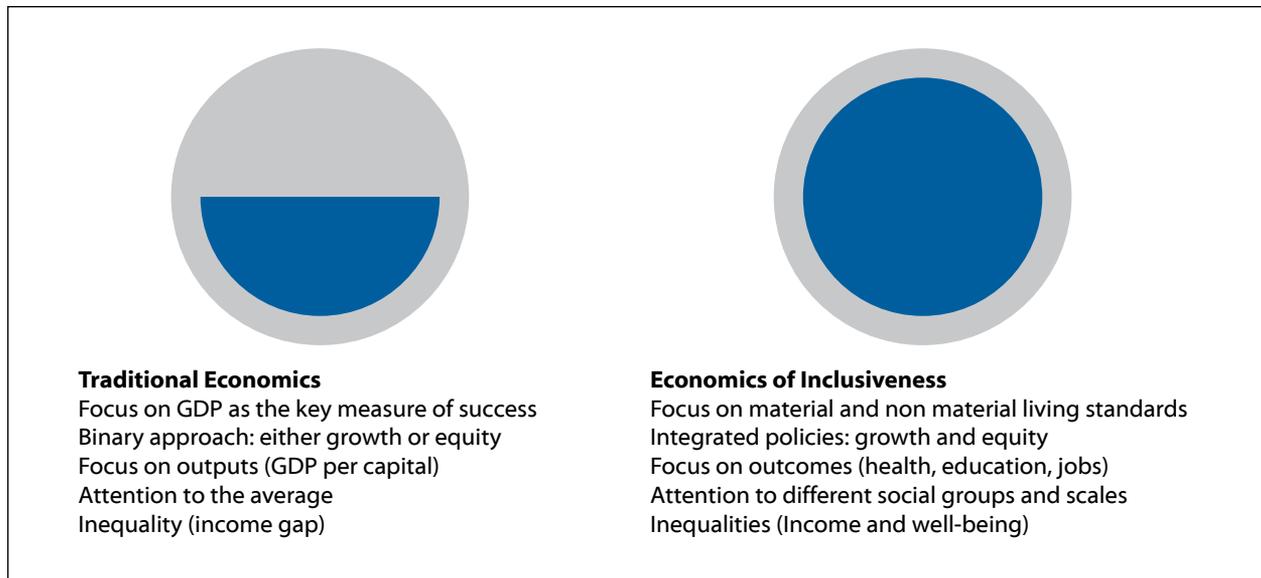
## Inclusive growth

As per OECD (Organization for Economic Cooperation and Development), inclusive growth is economic growth that is distributed fairly across society and creates opportunities for all. Economic growth is a function of physical and human capital, technology and labor. Optimum utilization of these inputs will result in economic growth but it would result in Inclusive growth (IG) only when it helps to reduce poverty and leads to national wealth creation. It would mean creation of employment opportunities, and access to essential services in health and education for the poor as well. It also demands a growth process that, aims for good governance.

The term Inclusive Growth started appearing in the very initial years of 2000's, as some problems could be recognized with the existing understanding of growth. The notion of IG has become a framing concept in development policy over the last ten

years and a powerful idea driving global growth agendas. Its prominence and the attention it commands are because it is, first and foremost, a product of international multilateral agencies (Felipe, 2012). Organizations like the World Bank noticed that their policy prescriptions for developing countries would translate into growth in terms of overall real GDP increases, but were not leading to reductions in inequality or positive transformations in the living conditions or standards of many in those countries – particularly the poorest and marginalized sections of society. Poverty, prosperity, and growth are often measured in monetary terms, most commonly as people's income. But while monetary measures have some important advantages, they have a big disadvantage that they are abstract and hence become demeaning, for example, sometimes it is forgotten that GDP per capita is about people's access to goods and services. The emphasis on the interaction between social and economic aspects of inequality helps us holistically drive policy action.

## A shift towards Inclusive Growth



Source: The Governance of Inclusive Growth.

In today's times, the term inclusive growth seems to assume central importance for the economic development of any country. The speed and continuity of economic development would be higher with more equally distributed prosperity amongst various segments. research shows that today's inequalities may be self-perpetuating: as living standards and social mobility stagnate, many populations fall into a vicious cycle of under development that threatens long-term growth for everyone. Families and communities aren't able to make investments in their children and their physical and social environments, creating

barriers to human and place-based development that thwart access to opportunities. In turn, this limits the ability of these groups to participate in growth processes, and, worse, their environments are left without the ingredients to build momentum and reverse these dynamics. What inclusive growth makes possible is that everyone can become better off, even when the number of people that need to be served by the economy increases.

The key features of IG are as follows:

- It is a response to a global problem of a deepening divide between the richest and poorest – the growing inequalities gap.
- Poverty reduction is a core tenet, but there is no single definition of what constitutes poverty and how you measure it. There is also a difference around whether to focus exclusively on lifting the poorest out of poverty or if poverty-reduction is part of wider growth across all levels of society.
- Current growth models are insufficient for addressing inequalities, which relies on more than economic outputs alone. IG is about more human-centred growth that includes non-income factors such as human capacity development, improving social and welfare services, and strengthening governance and infrastructure.
- Building from the previous point, IG is about a broader developmental agenda that seeks to improve the lives and opportunities of all members of society by fostering greater equality.

High levels of inequality can entail large costs. The relationship between growth and income inequality is complex: growth in material living standards affects income inequality but the reverse is also true, so that the distribution of the benefits of growth matters for future prosperity. Indeed, the increase in income inequality that has taken place in most OECD countries over the last few decades may have thwarted economic growth in those countries (OECD, 2014). In addition, high levels of inequality can entail large social costs, including those due to reduced social cohesion. Just as importantly, rising inequalities can erode confidence in public institutions and undermine attachment to democratic processes and values. Indeed, levels of trust in government have declined in recent years across many

OECD countries, posing a challenge for policy in the years to come. Increase in what kind of social costs is important.

### The Governance of Inclusive Growth

Public governance plays an important role in delivering Inclusive Growth. Slow growth, high unemployment and widening inequalities have placed Inclusive Growth at the heart of the policy debate in many parts of the world. Central to this debate is the ability of governments to put in place policies that deliver stronger economic growth together with better sharing of the benefits of increased prosperity among social groups. These benefits go beyond income to include inclusive outcomes across the different dimensions that matter for societal well-being.

Public governance can make a broad-based contribution to sound, sustainable and inclusive growth. Aligning public governance tools and processes with the broader objectives of policy making for inclusive growth can help governments deal with the complexities that go hand-in-hand with reconciling growth and inclusiveness. These complexities include setting out a vision, ensuring that policies complement each other and that different parts of government work together towards common goals, and engaging stakeholders to improve effectiveness, delivery and inclusion. There is a broad consensus, supported by evidence, that good governance is vital for a number of key outcomes at the national and sub national levels, including social cohesion, public expenditure efficiency and control of corruption. In addition, governance matters for achieving sustainable, inclusive economic growth.

### Tackling Non-Inclusive Growth

Policy making for Inclusive Growth poses new challenges for public governance. How do government decisions translate into improved services, changed outcomes and better lives for citizens? How do whole-of-government priorities become organizational goals and motivating targets for teams and individuals across policy areas and administrative units? The conventional answer to these questions is that policy making follows a 'cascade', whereby the government sets strategic goals that are mapped onto high-level objectives and 'output' goals for line ministries and agencies. In turn, these strategic goals are translated into performance targets and

specific activity objectives for divisions and individuals. How well these specific goals are met largely determines how well the top-level outcome priorities are achieved. This long-established conception of how policy making works has the merit of simplicity, although there are additional dimensions of complexity that need to be factored in.

### Policy making and policy-shaping for Inclusive Growth

|  |   |   |
|--|---|---|
| <p><b>Policy Design</b></p> <ul style="list-style-type: none"> <li>• Inclusive Growth challenges are understood and forecasted</li> <li>• A whole-of-government vision for Inclusive Growth steers, aligns the corporate sector</li> <li>• Policy frameworks tackle multidimensionality and seek policy coherence across sectors and levels of government</li> <li>• Solid evidence (ex ante, ex post) assesses distributional impacts</li> </ul>  | <p><b>Policy Implementation</b></p> <ul style="list-style-type: none"> <li>• Spending decisions are aligned with medium and longer term Inclusive Growth considerations</li> <li>• Coordination, whole-of-government steering and accountability mechanisms and enable pursuit of joined-up outcomes</li> <li>• Innovation in service delivery facilitates access across social groups and locations</li> </ul> | <p><b>Policy Evaluation</b></p> <ul style="list-style-type: none"> <li>• Assessment of distributional impact of outcomes that matter for well-being</li> <li>• Responsive changes are made based on beneficiary assessment of services &amp; service providers</li> <li>• Comprehensive evaluation approaches and feedback loops inform new policy packages, including from independent audit and control mechanisms</li> </ul> |
| <p><b>Inclusive Institutions for Inclusive Policy Making</b></p> <ul style="list-style-type: none"> <li>• Openness and engagement support inclusive problem identification and decision making</li> <li>• Transparency and integrity tools help avert policy decisions that benefit the few</li> <li>• Participatory mechanisms promote an inclusive policy implementation process</li> <li>• Inclusive public sector workforce reflects society and can better engage in delivering</li> <li>• Access to dispute resolution enables opportunities, particularly of vulnerable groups</li> </ul> |   |   |

Source: The Governance of Inclusive Growth.

Steering Inclusive Growth requires managing a complex policy landscape. The essential connection between a steering vision and its implementation through activities, outputs and outcomes depends crucially on the 'logic model' – the policy rationale for how specific actions feed into achieving the higher-level objectives. Further, the simple 'cascade' does not take account of the fact that many higher-level outcomes depend for their success not on a single line of outputs and activities, but on multiple strands and streams of different factors, some of which may be under the control of different bodies.

Action on Inclusive Growth begins with whole-of-government vision and outcome objectives that cut

across administrative boundaries to reflect national and political aspirations, a natural role for the central government. Building on a shared vision, government strategies and priorities can be identified for both the near and longer terms. This strategic planning process is typically embodied in a medium-term National Development Plan, Program for Government or Coalition Agreement, which should reflect high-level outcome targets for the country on the basis of Key National Indicators. Translating these goals into actions requires an alignment between strategic, political planning processes and the resource allocation, service delivery and accountability processes of government.

## Inclusive institutions

Create the incentives and opportunities necessary to harness creativity and entrepreneurship in society, whether in economic, social or political activity. Inclusive institutions facilitate access to decision-making; promote transparency, openness and engagement; avoid policy capture; and contribute to aligning policies with the needs of society, including those of underserved or excluded social groups. In so doing, inclusive institutions allow for better decisions that are closer to society's needs, setting a foundation

for successful policy making and implementation. Openness and stakeholder engagement can be leveraged to render the policy-making process more inclusive and informed, leading to policies that are fairer and closer to citizen's needs.

## Stakeholders engagement

An inclusive decision-making process (Communication, consultation, participation, representation, partnership, Co-decision making) is critical to improving governance for inclusive growth.

## Levels of stakeholder engagement

|   |   |
|---|---|
| <b>Communication</b>                            | Make information and data available to other parties Make targeted audience more knowledgeable and sensitive to specific issues Encourage stakeholders to relate to the issue and take action |
| <b>Consultation</b>                             | Gather comments, perceptions, information and experience of stakeholders No obligation to take stakeholders' view into consideration in final outcome   |
| <b>Participation</b>                            | Provide opportunities to take part in the policy process Does not entail that participants have an influence over the decision making   |
| <b>Representation in decision-making bodies</b> | Structural level of engagement with the objective to develop collective choices. Often embedded in the organisation's structure.  |
| <b>Partnership</b>                              | Agreed-upon collaboration between stakeholders Characterised by joint agreement   |
| <b>Co-decision and co-production</b>            | Balanced share of power among stakeholders involved.  |

Source: Based on OECD (2015 h).

Through engagement, stakeholders develop a sense of ownership over policy choices, reforms and projects' outcomes. This contributes to greater acceptance and legitimacy and, in turn, is likely to lead to better compliance with policies and regulations. At the same time, engagement enables external control of the decision-making process and strengthens accountability of the government as a whole and also of individual civil servants.

## Transparency and Accountability

The key policy measure to boost transparency is to open data viz. make data easily accessible. Opening it is about making it both available and usable. This means data must be clearly defined, reliable, comprehensive, and easy to compare over time and across units (firms, households, local governments, countries).

It should also be easy to use – downloadable and stored in a machine-readable format

IMF's Central Bank Transparency Code (IMF, 2020) is a comprehensive set of principles and practices encompassing transparency in:

- Governance: legal structure, mandate, autonomy, decision-making arrangements;
- Policies: policy frameworks, policy decisions, supporting analyses;
- Operations: instruments, coverage, access;
- Outcomes: reports on governance actions, policies, operations;
- Official relations: with government, other agencies, and internationally.

### Harness progress in IT

Leverage the Information technology to make the government-public interaction and association less expensive and more efficient. Examples include national government web-portals; electronic contact forms; platforms to report bribery and other transgressions (e.g. Indian web-platform 'I Paid A Bribe'); platforms for e-participatory budgeting (e.g. D-Brain in South Korea); platforms to submit and sign petitions; communication through social networks. Social media also make it easier for people to self-organize – be it a protest, a discussion group, or a non-governmental organization.

### Implementation and evaluation of Governance policies

Public governance is important throughout the policy-making cycle, not only in design, but also in the implementation and evaluation of Inclusive Growth policies. A defining feature of Inclusive Growth is multidimensionality, which brings together income and non-income considerations in the definition of intended outcomes. In turn, this requires capacity from governments to deal with complexity in policy making, assess policy impacts from broader viewpoints, and identify complementarities and trade-offs between and within policies and policy objectives. Fragmented systems of public governance hinder inclusiveness, facilitating otherwise avoidable trade-offs and co-ordination failures within and across administrative boundaries. The process of delivering Inclusive Growth outcomes starts with the right definition of needs and expectations,

anchored in an inclusive policy-making process

### New India @75 vision

New India @ 75 vision has the following objectives for the inclusive growth:

- To have a rapid growth, which reaches 9-10% by 2022-23, which is inclusive, clean, sustained and formalized.
- To Leverage technology for inclusive, sustainable and participatory development by 2022-23.
- To have an inclusive development in the cities to ensure that urban poor and slum dwellers including recent migrants can avail city services.
- To make schools more inclusive by addressing the barriers related to the physical environment, admission procedures as well as curriculum design.
- To make higher education more inclusive for the most vulnerable groups.
- To provide quality ambulatory services for an inclusive package of diagnostic, curative, rehabilitative and palliative care, close to the people.
- To prepare an inclusive policy framework with citizens at the center.

### Conclusion

From protecting property rights to educating children and helping the poor, quality of governance defines the government's ability to promote inclusive growth. Governance is not just a fuzzy term. Neither it is a destiny that cannot be changed. Behind it are thousands of public officials making hundreds of policy decisions every day. It is their capacity and their willingness to make these decisions right that underpins governance. The recipe to improve is therefore to boost human and institutional capacity and strengthen the incentives for public officials to act in the best public interest. Sustained growth requires a coherent, adaptable strategy that is based on shared values and goals, trust, and some degree of consensus. Of course, achieving that is easier said than done. It will take strong shifts in resources and capabilities, stakeholder interests and organizational incentives, and trust across social networks to sustain execution that ensures inclusion occurs alongside growth in the development process have kept them from fully participating in and contributing to an economy that benefits everyone.

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# One View System



**Utkarsh Vikram Singh**

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**H** PCL, aims to serve the nation through our innovative and reliable energy solutions. Our Pipelines play a major role in achieving this aim by the virtue of being the fastest and the most cost efficient mechanism of petroleum transportation. Pipelines are one of the most vital assets of the nation, and it is a matter of great pride that we have a very robust pipeline infrastructure of 3775 Kms and many future Projects well aligned with aspiring plans for further expansion.

For safety, security and surveillance of the pipelines, HPCL has in place, Leak Detection System (LDS – RTTM Model), GPS based Security Tracking System (STS) and Pipeline Intrusion Detection System (PIDS). 6/12 core Optical Fibre Cable (OFC) has been laid along in all the pipelines for a dedicated telecommunication network (STM 16 based). The telecom network is used for voice communication, telemetry data transfer, CCTV and video conferencing applications.

## Digital Era

Digitization is rapidly empowering the age-old industry to scale new heights. Democratizing

new technologies and starting of the Industrial revolution 4.0 has opened a new paradigm of solutions that were previously beyond imagination. Use of Artificial Intelligence, Big Data, Internet of Things, Edge Computing etc. have brought unconventional solutions to many limitations & challenges in each Industry.

Digitization has made it possible to monitor, command and control critical operations remotely and efficiently. In vast pipeline networks, digitalization has helped in ensuring system uptime, timely communication and action for establishing 24\*7 connectivity.

## Pipeline Intrusion Detection system (PIDS)

OFC based Pipeline Intrusion Detection System (PIDS) was installed and commissioned in March'2013 as a pilot project in 72 Km stretch between MOV-4 and Loni. Performance of system was found to be satisfactory and hence PIDS has been gradually implemented in all operating Pipelines across a length of 3716 Kms to detect intrusions.

In PIDS, optical fiber acts as distributed fiber optic sensor. When external load is applied on cable, it causes micro bending of optical

fiber. PIDS is capable of detecting loss of light intensity as a function of position along the fiber basis OTDR principle and back-scattering of light.

The system generates early warning alarms in respective pipeline control rooms whenever there is an intrusive activity like digging or vehicular movement etc. on the pipeline ROU. Since each of the intrusive activity is detected and converted into an alarm, whether the activity is threatening or not, a high number of nuisance alarms are being generated. OEM supplied software for alarm generation cannot distinguish between threatening and non-threatening alarms. The pipeline control room is required to physically verify each of these alarms in the field and therefore a lot of effort is being put into the exercise. In view of this, a need for an intelligent AI/ML enabled alarm generation solution was being felt, which the OEM has failed to provide.

## Tranzmeo

M/s. Tranzmeo IT Solutions Pvt. Limited (TISPL) is a Start Up company with expertise in the field of AI/ML enabled solutions. HPCL has acquired 20% equity in TISPL under its start up program.

TISPL has developed a suitable software solution to address the issue of nuisance alarms. The solution has been developed in line with terms of the Shareholders' Agreement with TISPL.

### One View System

TISPL has developed a suitable software solution enabling reduction in eliminating nuisance of alarms in PIDS. The system is named One View System and is a software tool/model developed by incorporating advance concepts of Artificial Intelligence, machine learning and big data analytics. With the capability to define custom rules, the system monitors, identifies and reports abnormal activities 24x7.

The system is an enhancement in existing PIDS (Pipeline Intrusion Detection System) and has the potential for integrating with other independent security systems in place like the STS (Security Tracking System) and LDS (Leak Detection System). System is capable to retrain its own model & improve upon the

accuracy of reporting with the continuous feedback given by the users.

Live tracking of security personnel with OneView Application Software and validation of alarms by security from Pipeline ROU is an essential feature. The OneView Security Application in smartphones gives the power to experience the OneView in mobile and make pipeline inspection & reporting intelligent by line walkers. The Application provides the capability to see abnormal alarms in the pipeline ROU and send real-time feedback, clubbed with photographs and video. This feature makes it possible & more convenient to analyze & act on critical incidents on the pipeline.

The OneView Leak Detection System has the capabilities to use advanced algorithms, machine learning and AI to pinpoint leaks that were not previously possible in the current industrial systems. With the real-time monitoring & possibility of integrating critical pipeline systems viz

SCADA, LDS, STS, PIDS, Telecom and much more like Drones, CP Systems etc., OneView brings to fore predictive and preventive maintenance of equipment, identity downtime and detection of abnormalities even before their occurrence. Hence, with a combination of all data with robust Big Data infrastructure and power of Artificial intelligence, OneView forms a centralized monitoring command and control intelligent system to continuously monitor and predict for abnormalities and maintenance of all the systems.

Along with the OneView Edge decentralized processing system, big data processing can be done in the redundant edge systems that provide speed and work even in low bandwidth scenarios and other communication issues.

OneView provides a comprehensive set of tools to Digitize the current pipelines to provide an edge over limitations of existing independent systems. ■



# Sailing Through Turbulent Times



Dr. Mohit D. Gupta\*

**If at any point of your life: you feel irritated, lonely, frustrated, angry, desperate and want to run away: Go ahead and read it.**

## When you reconnect with yourself, nature and the supreme power, the ways to manage your stress naturally appear

Present day life is more than a computerised and mechanised life. It has given us the joy of best technical facilities, medical facilities, equipments and facilities that are just a click away, but the joy of BEING is far away from us. We as human beings have learned the art of earning but lost the true art of living in our life.

It may be apt to say that today.

## We are no more Human Beings: but we have transformed ourselves into Human Doings

Did you know every 2 seconds, 7 people die of stress related

illnesses around the world? That's 110 million people every single year, all being wiped off this planet thanks to a everyday trending word called #stress. When we talk about global and national statistics: India is going to be on the top when talked about diseases like Diabetes and Hypertension. It is predicted that by 2020, 80% of the world Population will not be able to have comfortable sleep and will suffer from some or the other form of depression. So, despite technological advancements, de-gradation of values and moral system has led to significant unrest in the society and the world at large.

One of the things that concerns us about this statistic is that more often than not, it isn't those really big unavoidable stressful events in life that contribute most here, rather the build-up of all the little stresses and frustrations every single day. Over a span of many

years this adds up and take a toll on their health. Accumulation of repeated negative and stressful incidents depletes our mindpower. This leads to erratic and hasty thinking, missing options and perspectives, and if we can't immediately find a solution to this problem, we then end up just going around in circles, only making ourselves more stressed in the process.



\* DM, FRCP, FESC, FACC, FCSI, FAPI, Professor of Cardiology, GB Pant Institute of postgraduate Medical Education and research., Associated with Brahma Kumaris.

Numerous common stressors that we all face are seen below:

We must understand that in the center of this cycle are WE. Since we are negatively impacted, hence the change has to be brought by us and that too from within. The situations and persons will never change the way we want.

**In this series:** We will examine, understand and practice simple tips to easily get rid of this stress and negativity from our mind and create a beautiful life. I will suggest a few doable exercises for all that can really make a great difference in our life: BUT practice is the key.

- **Breaking the cycle:** we have created a routine for ourselves in such a way that we don't find time for our own selves. We need to break this cycle wherever possible. Understanding that first step to relieve ourselves is Take Out Time. Are we ready?

**Practice: Get rid of the word BUSY:** This depletes energy. Instead use the word BE EASY: we are easy inside, we may be busy outside. Use this for 1 month and you will find your energy levels automatically increasing.

- **Finding Quiet:** God talks when we listen. But it's more like a whisper than a shout. Find quiet so you can hear.

**Practice: Let us do this exercise:** 10 minutes in the morning when we get up: sit in silent initiate your communication with God, contemplation of thoughts, concentration and self-actualisation with supreme. Give yourself powerful thoughts that today is a great day: I am going to make myself and everyone happy, because I



am the embodiment for purity, peace and happiness. Similarly, 10 minutes in the night before going to sleep: sit in 10 minutes of silence: listening to some good music and reading something that enlightens your mind. This is important because whatever we read in the night before going to sleep; the state of our mind will be same during sleep. If we read positive and constructive or mind is peaceful and we will have quality sleep.

- **Remember what you enjoy and love to do:** The most important person in your life is YOU. It is important that we take out time for our own-selves. Doing small little things that bring joy and pleasure to me must be integrated in my routine. This may include exercise, sports, cooking, music, playing with children, reading or whatever. Out of 24 hours in a day: I must take out time to do what I love the most. That charges me and gives me sense of happiness and joy.

**Practice:** Life may be demanding: but today I take out

few moments to do what I love the most.

- **Be Grateful:** Be thankful and express gratitude to every one whom we meet. Everyone we meet in our life is because of a reason. Good people teach us what to do and rest teach us to be patient and what is to be avoided. We Learn Either Way. So we must be thankful to one and all.

**Practice:** Let us practice gratitude towards everyone we are meeting. Be thankful in your personal, social and professional life and you will see negativity and waste will fly away from you.

We feel stressed when we take on the world as a human and try to put our will against it. When we give in to our inability to use our will, and empower ourselves with power from almighty, our struggle naturally ceases.

Let us practise these small exercises in our life and see what difference is created.

Wishing you a Happy and Peaceful Life! ■

## New and Improved Convention Centre at SCOPE Complex and SCOPE Minar

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### Conference Facilities at SCOPE Convention Centre Lodhi Road, New Delhi

The centrally air-conditioned SCOPE Convention Centre at SCOPE Complex, Lodhi Road, New Delhi provides excellent conference facilities to PSEs, Govt. Departments, Autonomous Bodies, Institutions/NGOs etc. The Auditorium and other Conference Halls are equipped with projector and screen facilities, sound & light control room with recording & P.A. facility, etc. Details of the capacity of the Auditorium and other Halls, which are available on nominal tariff are given below:

#### Auditorium



The Auditorium having capacity of 310 persons (300 Chairs + 10 Nos. Chairs at stage) capacity equipped with projector, screen and mikes on dais and podium on stage.

#### Mirza Ghalib Chamber



The chamber having capacity of 108 persons (102 Nos. Chairs + 6 Nos. Chairs on Dais) equipped with 2 Nos. projector & screen and mikes on table, dais and podium.

#### Tagore Chamber



The chamber having capacity of 92 persons (86 Nos. Chairs + 6 Nos. Chairs on Dais) equipped with 2Nos. projector & screen and mikes on dais, tables & podium.

#### Bhabha Chamber (Board Room)



The chamber having capacity of 44 persons (24 Nos. Chairs on round table and 20 Nos. Chairs on sides) equipped with projector, screen and mikes on dais, tables & podium.

#### Fazal Chamber



The chamber having capacity of 25 persons (15 Nos. Chairs on round table and 10 Nos. Chairs on sides) capacity with board room type sitting arrangement equipped with projector, screen and mikes.

## Business Centre



The Business Centre having capacity of 7 persons equipped with multi point Video Conferencing System (1+3), at three locations at a time for National & International both.

## Annexe II



The Annexe-II has capacity of 15 Persons and is equipped with projector and screen.

## Banquet Hall



The banquet hall having capacity of 500 Persons for the purpose of lunch & dinner. Sitting arrangement could be done for 40 persons.

## Tansen Chamber at UB



The Tansen Chamber has capacity of 30 persons and also has stage & podium equipped with projector and screen.

## Annexe I



The Annexe-I has capacity of 20 Persons and is equipped with projector and screen.

## Amir Khusro Chamber at UB



The Amir Khusro Chamber has capacity of 35 persons with facility of stage & podium equipped with projector and screen.

**For Booking & Tariff details please contact**

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## Conference Facilities at SCOPE Minar Convention Centre, Laxmi Nagar, New Delhi

SCOPE Minar, an architecturally conceived in the form of two high rise curvilinear tower blocks sitting on a four storey circular Podium Block, is strategically located in Laxmi Nagar District Centre, Delhi -110092 and housing around 40 PSEs of repute. It is one of the iconic buildings of East Delhi. It has a huge foyer which gives an ambience look inside the building. There is a green environment all around the SCOPE Minar building with large size planters. The building also has state-of-the-art Convention Centre comprising of five conference halls i.e.

### Auditorium



The auditorium has capacity of 350 delegates. Various seminars, training programmes, presentations, get together etc. can be conducted in auditorium which is equipped with projector and screen. It provides ambient and peaceful environment for the programmes.

### VIP Lounge



VIP Lounge has sitting capacity of 30 delegates. The executives and higher level officers, Directors, CMDs can use it as waiting lounge also.

### Board Room



Board room having "U" shaped table, has a sitting capacity of 50 delegates with modern facilities - projector, screen, sound system, table mic etc.

### SCOPE Academy of Public Sector Enterprises



SCOPE Academy of Public Sector Enterprises (APSE) conducts induction level programmes for PSEs' executives. It has three training halls equipped with projector, screen, sound system etc. one with capacity of 40 persons and two halls with capacity of 30 persons each for training purpose.

### Meeting Hall



Meeting hall having "U" shaped table, has a sitting capacity of 62 delegates. Most widely used for small size meetings and training programmes, group discussion, power point presentations etc. and is equipped with projector and screen.

**For Booking & Tariff details for Convention Center, SCOPE Minar, Laxmi Nagar please contact**

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**There is a wide space for vehicle parking that cater for a capacity of 550 cars, including the newly built good quality Banquet Hall wherein 300 delegates can comfortably dine at a time, makes it special to deliver an all-round conducive meeting environment.**

## Hon'ble Prime Minister Inaugurates **NBCC built AIIMS Deoghar**



Hon'ble Prime Minister Shri Narendra Modi inaugurated NBCC built AIIMS Deoghar recently in the presence of Governor Jharkhand, Shri Ramesh Bais, Chief Minister Jharkhand, Shri Hemant Soren, Union Minister Shri Jyotiraditya Scindia, State ministers and other dignitaries. The Prime Minister had laid the foundation stone of AIIMS Deoghar on March 25, 2018. The inauguration of In-Patient Department (IPD) and Operation Theatre Services will further boost health care services in Jharkhand. AIIMS in Deoghar is a boon for the healthcare sector of the entire region. The setting up of AIIMS will help in achieving the dual purpose of providing super speciality healthcare to the population of the area and also create a pool of doctors and other healthcare workers in the region.

## With 267 para athletes from Oil and Gas public enterprises inspiring spectators, **4<sup>th</sup> ONGC Para Games concludes**

**M**inister of State of Petroleum and Natural Gas & Labour and Employment Shri Rameswar Teli attended the Closing Ceremony of the fourth ONGC Para Games in Thyagaraj Sports Complex in New Delhi. A total of 267 specially abled employees from eight central oil and gas public enterprises participated in the 4<sup>th</sup> ONGC Para Games, that was organized by Oil and Natural Gas Corporation Limited (ONGC).



Petroleum Minister of State Shri Rameswar Teli at the Closing Ceremony of the 4<sup>th</sup> ONGC Para Games in Delhi.

192 of these were from ONGC.

Admiring ONGC's special Human Resources initiative during the Closing Ceremony of the 4<sup>th</sup> ONGC Para Games, the Petroleum Minister of State claimed that, 'The ONGC Para Games is a unique initiative where players can connect with each other, compete with each other, creating a strong support system. I am sure will inspire many such events in the future.'

*Contd... to 33*



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## Union Minister of State for **Petroleum & Natural Gas and Labour & Employment** visits EIL

**S**hri Rameswar Teli, Union Minister of State for Petroleum & Natural Gas and Labour & Employment visited the Head Office of Engineers India Ltd. (EIL). Shri Teli was accorded a warm welcome by Smt. Vartika Shukla, CMD, EIL along with Functional Directors of the Company.

Addressing senior officials of EIL, Minister appreciated EIL's stellar contribution to the growth of hydrocarbon sector in India and emphasized on creating stakeholder value through sustainable growth. He evinced keen interest in the Company's business operations and assured of support towards realizing the company's



Shri Rameswar Teli, Union Minister of State for Petroleum & Natural Gas and Labour & Employment along with Smt. Vartika Shukla, CMD, EIL at EIL Head Office.

growth initiatives. A presentation was also made to the Minister elaborating EIL's track record in

core hydrocarbon and diversified sector and future road map for growth of the company.

*Contd... from 31*

The Closing Ceremony saw the participation of ONGC, CMD & Director (HR), Dr. Alka Mittal, ONGC, Director (Technology & Field Services), Shri O. P. Singh, Director (Offshore), Shri Pankaj Kumar, Director (Finance), Smt. Pomila Jaspal, IOCL, Director (HR), Shri R. K. Mohapatra and PS to the State Minister of Petroleum & Natural Gas, Dr. Dhruvasish K. Deka. ONGC, CMD, Dr. Alka Mittal congratulated all the para athletes for coming all the way from different parts of the country. Dr. Mittal mentioned how important this cause was to the Union Ministry of Petroleum and Natural Gas, given how readily both the



Petroleum Minister of State Shri Rameswar Teli felicitating Kargil Hero, Captain S. K. Sangwan from ONGC along with other dignitaries on the dais.

Union Minister Hardeep Singh Puri and the Minister of State Rameswar Teli came to encourage the participants, despite the Parliament being in full swing.

While expressing her gratitude, she said, 'You must give your best wherever you go, continue with your growth, and remember we shall all proceed together.'

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# PSEs Quarterly Results

## SAIL declares Q1 results for financial year 2022-23, posts more than 16% growth in Revenue from Operations over CPLY

Steel Authority of India Limited (SAIL) posted its financial performance for the first quarter of the current financial year 2022-23 (Q1 FY 23). The company saw a growth of 16.4% in its revenue from operations in Q1 FY23 over corresponding period last year. SAIL also recorded the best ever Q1 production.

### Performance of Q1 FY 23 at a glance:

|   | Unit          | Q1 22-23 | Q1 21-22 |
|---|---------------|----------|----------|
| Crude Steel Production  | Million Tonne | 4.33     | 3.77     |
| Sales Volume  | Million Tonne | 3.15     | 3.33     |
| Revenue from Operations   | Rs. Crore     | 24029    | 20642    |
| Earnings Before Interest, Tax, Depreciation and Amortisation (EBITDA) | Rs. Crore     | 2606     | 6674     |
| Profit Before Tax (PBT)   | Rs. Crore     | 1038     | 5145     |
| Profit After Tax (PAT)  | Rs. Crore     | 776      | 3850     |

The first quarter of FY'23 saw twin challenges of higher input costs and subdued market demand, both global and domestic, impacting the performance of the company. High cost of production due to increase in imported coking coal prices had an impact on the bottom-line of the company. The decline in global demand and prices for steel had a direct bearing on the domestic market and price realisation. Since peaking in April'22, the prices for steel have continuously remained under pressure during the quarter. The Company, however, said that the construction and infrastructure projects have gained momentum which will boost the demand for steel products. The company is confident of improved performances in the second half of the current financial year with significant reduction in prices of imported coal and uptick in demand.

## POWERGRID posts Total Income of ₹11,169 crore, Profit After Tax (PAT) of ₹ 3,801 crore for Q1FY23

Power Grid Corporation of India Limited (POWERGRID), has announced on consolidated basis, total income of ₹11,169 crore for Q1FY23, which is 7% higher compared to ₹10,392 crore in the Q1 of the previous year. The PAT for Q1FY23 on a consolidated basis is ₹3,801 crore, which is 14% over Q1FY22 (excluding exceptional items) on comparable basis. In Q1FY22, PAT of ₹5,998 crore included an exceptional item of ₹3,014 crore (₹2,657 crore net of tax) on account of monetization of assets.

The Company incurred a Capital Expenditure of ₹1,482 crore and capitalized assets worth ₹1,345 crore (excluding FERV) on consolidated basis during Q1FY23. The Company's Gross Fixed Assets on a consolidated basis stood at ₹2,64,838 crore as on June 30, 2022. The Company has added a new 765/400/220 kV Bhuj-II GIS sub-station along with augmentation of transformation capacity at Bhadla and Fatehgarh to facilitate evacuation of renewable energy generation. The total transmission assets of POWERGRID and its subsidiaries at the end of the quarter stood at 1,72,662 ckm of transmission lines, 267 substations and 4,85,777 MVA of transformation capacity. With the use of state-of-the-art maintenance techniques, automation and digitization, POWERGRID maintained average transmission system availability of 99.79% for Q1FY23. The company acquired two TBCB subsidiaries viz Khetri – Narela Transmission Limited & Mohanlalganj Transmission Limited during Q1FY23.

## GAIL clocks Revenue of Rs. 37,572 crore (up 116%) in Q1 FY23 Quarterly PAT increases 91% to Rs. 2,915 crore

GAIL (India) Limited recorded 116% increase in



गैल (इंडिया) लिमिटेड



## भारत की अग्रणी प्राकृतिक गैस कंपनी एनर्जाइजिंग पॉसिबिलिटीज

- देश में बेची जाने वाली प्राकृतिक गैस में 53% का योगदान
- भारत में कुल प्राकृतिक गैस संचरण पाइपलाइनों के 3/4 भाग का संचालन



Revenue from operations to Rs. 37,572 crore in Q1 FY23 as against Rs. 17,387 crore in the corresponding quarter of previous financial year. The Company's Profit before Tax (PBT) increased 90% to Rs. 3,894 crore in Q1 FY23 as against Rs. 2,054 crore in Q1 FY22 while Profit after Tax (PAT) rose 91% to Rs. 2,915 crore in Q1 FY23 as against Rs. 1,530 crore in the corresponding quarter of last fiscal. The positive results were mainly on account of increased gas marketing and transmission volumes, better marketing spread and higher product prices.

On Quarter on Quarter basis, the Revenue from operations increased 39% to Rs. 37,572 crore in Q1 FY23 as against Rs. 26,968 crore in Q4 FY22, Profit before Tax (PBT) increased 10% to Rs. 3,894 crore from Rs. 3,546 crore while Profit after Tax (PAT) rose 9% to Rs. 2,915 crore as against Rs. 2,683 crore, primarily because of the same reasons. On Consolidated basis, the Revenue from operations increased 116% to Rs. 37,942 crore in Q1 FY23 as against Rs. 17,589 crore in corresponding quarter in previous year, PBT in Q1 FY23 stood at Rs. 4,230 crore as against Rs. 2,540 crore while PAT was Rs. 3,253 crore as against Rs. 2,138 crore. On Quarter on Quarter basis, the Revenue from operations rose 39% to Rs. 37,942 crore in Q1 FY23 as against Rs. 27,328 crore in Q4 FY22, PBT stood at Rs. 4,230 crore as against Rs. 4,375 while PAT was Rs. 3,253 crore as against Rs. 3,454 crore.

Shri Manoj Jain, CMD, GAIL said the company has successfully registered a healthy growth in the overall performance despite turbulent times in the gas business. GAIL has incurred a capital expenditure of about Rs. 1,975 crore during the quarter mainly on Pipelines, Petrochemicals, Equity to JVs, etc., he added.

GAIL has commissioned the 533 KM Bokaro - Angul Pipeline section of Jagdishpur- Haldia & Bokaro - Dhamra Natural Gas pipeline (JHBDPL) during the quarter which was inaugurated by Hon'ble Prime Minister Shri Narendra Modi recently. With this, 1,642 km of JHBDPL, popularly known as Pradhan Mantri Urja Ganga, has been commissioned while the remaining sections are expected to be completed by June 2023, Shri Jain said. He further added that to provide a thrust to the Government of India's focused initiatives to increase the share of natural gas in the primary energy basket, company has approved the setting-up of Small Scale LNG (SSLNG) plant on pilot basis and order for two small-scale liquefaction skids has been placed. This will help in providing

Natural Gas to Geographical areas not connected to main Natural Gas pipeline, facilitate LNG as transport fuel and help monetize stranded / isolated upstream gas assets.

## **NTPC achieves over 21.7 % growth in generation in the first Quarter of FY 23**

NTPC group recorded a generation of 104.4 BU in the first quarter from April to June 2022, registering an increase of 21.7% from 85.8 BU generated in the corresponding quarter last year. In the month of June'22, generation was 34.8 BU, higher by 29.3% compared to 26.9 BU in June'21 indicating improved performance and an increase in demand for power in the current year. NTPC Talcher Kaniha (3000 MW) in Orissa is the top performing thermal power plant with 94.2% Plant Load Factor (PLF) between April to June 2022. Overall Plant Load Factor of NTPC Coal stations was 79.9% from April to June 2022 vis-a-vis 69.2% in the same period last year, a testimony to the high levels of operational excellence and the expertise of NTPC in Operation and Maintenance of the power plants.

NTPC is expanding its footprint in new business areas like green hydrogen, waste-to-energy and e-mobility. NTPC is also aiming for a 10 percent reduction in net energy intensity by 2032. NTPC has become India's first energy company to declare its energy compact goals as part of the UN High-level Dialogue on Energy (HLDE).

## **Q1 '23 Results –Power Finance Corporation (PFC)**

### **Financial Update**

- PFC registered a stand-alone profit of Rs. 2,110 cr. for Q1' 23. On consolidated basis, the PAT for Q1'23 is at Rs.4,580 cr.
- Interim Dividend of Rs. 2.25 per share proposed by Board in Q1'23.
- Healthy CRAR quarter on quarter. CRAR as on 30.06.2022 is 24.33% with Tier I capital of 20.95% and Tier II capital of 3.38%.
- Sustained resolution efforts has resulted in Stand Alone Net NPA levels to drop below 2% - the lowest in 5 years - Net NPA ratio at 1.73% for Q1'23 viz-a-viz 2% in Q1' 22.



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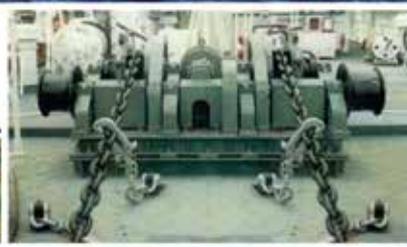
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- 23 bps reduction in Consolidated Net NPA ratio from 1.80% in Q1'22 to 1.57% in Q1'23 due to resolution of stressed assets.

### Business Update

- PFC sanctions Rs.33,079 cr. to Discoms under GoI's "Late Payment Surcharge and Related Matters Rules 2022" for clearing of outstanding dues. The funding will be backed by State Govt. Guarantee. This will help in alleviating the stress across the power sector value chain.
- PFC Board accorded approval for creation of Power Asset Management Company (PAMC) for taking over the stressed/NPA power assets recently. The creation of PAMC is subject to further approval from Ministry of Power and other authorities. PAMC will be a Joint Venture between PFC & REC with equal share of 50:50. REC Board has approved the proposal for subscribing to 50% equity in PAMC recently. PAMC will be a professional organization which will have the expertise to acquire stressed power assets, operate, maintain and to complete them wherever required.
- Ministry of Power in collaboration with PFC has launched a digital dashboard Urja DRISHTI (Discom Rating for Integrated Solvency, Health and Transparency Improvement), accessible at [www.urjadrishti.com](http://www.urjadrishti.com). The platform will publish key sector insights for Discoms in the public domain. This will enable stakeholders to view key performance metrics and comparisons between Discoms.

## NMDC announces Q1 Results



Shri Sumit Deb, CMD, NMDC

NMDC reported its Q1 numbers recently. The company produced 8.92 MnT and sold 7.80 MnT iron ore in the first quarter of FY23. In the corresponding period last year, NMDC recorded 8.91 MnT production and 9.45 MnT sales.

NMDC registered steady financials for Q1 of FY23 with a turnover of Rs.4,767 crore, PBT of Rs.1,946 crore, and PAT of Rs.1,469 crore. During the first quarter of FY22, the turnover of the company was Rs.6,512 crore while PBT and PAT figures stood at Rs.4,263 crore and Rs.3,193 crore respectively.

Commenting on these results, Shri Sumit Deb, CMD, NMDC said, "Early monsoon and a short-fall in demand accounted for a slow Q1. On a positive note, our constant technological, digital, and financial growth provide comfort that NMDC will mitigate the current challenges and achieve the annual targets."

## Balmer Lawrie announces first quarter results

Balmer Lawrie & Co. Ltd., with diversified business portfolios, announced the first quarter results as per the accounts adopted for the quarter ending 30<sup>th</sup> June 2022. The results were approved by the Board in its Meeting held recently.

The netttotal income for the first quarter increased by 32.48 % and stood at Rs. 653.05 crores compared to Rs. 492.94 crores for the same period last year. The Profit Before Tax (PBT) saw a jump of 70.67 % and rose to Rs.52.72 crores for the quarter ended 30<sup>th</sup> June 2022 as compared to Rs 30.89 crores for the same quarter last year. Correspondingly, the net profit (PAT) during the quarter rose by 80.37 % to Rs. 41.54 crores compared to Rs. 23.03 crores for the corresponding period last year. ■



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# HPCL & Honda join hands to boost Electric Mobility in India

**T**aking a significant leap toward its sustainable mobility drive, Hindustan Petroleum Corporation Limited (HPCL) and Honda Power Pack Energy India Private Limited (HEID), the subsidiary of Honda Motor Co., Ltd. (Honda), launched their first e:swap Station at HPCL's, COMCO outlet at Old Airport Road, Bengaluru recently.

Internal Combustion Engine (ICE) vehicles have to make way for environment friendly Electric Vehicles (EVs) for a brighter, greener and sustainable future. However, the adoption of EVs is not easy, especially when charging the EV battery is not as fast as filling the fuel (Petrol/Diesel) tank. This is where the fascinating technique of battery swapping brought in by HPCL comes into play. Traditional cable-based charging of EVs is replaced by another solution, battery swapping. Customers can exchange the depleted batteries with fully charged ones in 2 minutes at e:swap Stations. Furthermore, this Battery-as-a-Service (BaaS) model allows customers to lend batteries as a separate component from the vehicles. Lending the battery saves upfront purchase cost of an EV.

In a ceremony held at HPCL's Old Airport Road outlet, the e:swap Station was inaugurated by Shri Sandeep Maheshwari, ED, Retail, HPCL,



Shri D. K. Sharma, ED – C & SP, HPCL, Shri Arata Ichinose, Operating Executive, Business Development Supervisory Unit Head, Honda and Shri Kiyoshi Ito, President and CMD, HEID. This will cater to e-3 wheelers at present. The rolling out of this e:swap station is a result of nearly two years of hard work during which the PoC pilot was conducted at one of the HPCL outlets at Thane and two other locations. Every aspect of the battery sharing service was closely scrutinized and tweaked during the pilot to have full safety and ease.

The garden city of Bengaluru will have more than 70 such e:swap Stations in a year and then other cities will be taken up.

Speaking on the occasion, Shri Sandeep Maheshwari, Executive Director, Retail, HPCL said: "HPCL is committed to

accelerate India's transition to greener energy. We are one of the biggest Charge Point Operators in the country with 1,058 EV Charging Stations at our retail outlets across the country. Today, we are launching another game changing initiative in partnership with HEID.

Executive Director, Corporate Strategy, Planning & Business Development, HPCL, Shri Dharmendra Kumar Sharma marked the event as a small step towards taking a giant leap for revolutionizing the e-Mobility ecosystem of India in the days to come.

The partnership with Honda in the field of e-mobility reaffirms HPCL's commitment to work towards carbon neutrality and greener future of India by pursuing affordable & sustained electrification of India's transportation system.

## Union Minister of Power, New & Renewable Energy releases '10<sup>th</sup> Integrated Rating & Ranking of Power Distribution Utilities' Report and Discom Rating Dashboard Portal 'Urjadrishti.com'

Union Minister of Power, New & Renewable Energy, Shri R. K. Singh released the '10<sup>th</sup> Integrated Rating & Ranking of Power Distribution Utilities'. Since 2012, Integrated Rating Exercise is being carried out under the framework approved by the Ministry of Power annually with the aim of evaluating performance of utilities on a range of parameters covering financial sustainability, performance excellence and external environment and their ability to sustain improvements year over year. Further, Minister also unveiled the online dashboard called [urjadrishti.com](http://urjadrishti.com) to bring transparency and strengthen Discoms.



Shri R. K. Singh, Union Minister of Power, New & Renewable Energy releasing the 'Ranking & 10<sup>th</sup> Integrated Rating of State Distribution Utilities' in New Delhi in presence of Shri Alok Kumar, Secretary (Power), Shri Indu Shekhar Chaturvedi, Secretary (MNRE), Shri R. S. Dhillon, CMD, PFC and other senior officers of Ministry of Power.

Ministry of Power (MoP) has mandated Power Finance Corporation (PFC) to co-ordinate the rating

exercise and so far, 9 Integrated Ratings were carried out covering state distribution utilities.

## GAIL to invest in Start-Ups operating in Focus Areas

In a bid to support the Start-Ups operating in identified Focus Areas, GAIL (India) Limited plans to invest in such companies through its Start-Up initiative 'Pankh'. GAIL opened a fresh round

for solicitation of Investment Proposals from the Start-Ups operating in focus areas which mainly includes Natural Gas, Petrochemicals, Energy, Project Management, Logistics, Electric Mobility, Bio Manure Marketing,

Nano Materials, IoT and Data Mining, Environment, Health and Social etc. recently.

The Start-Ups interested in equity investment from GAIL were asked to participate through 'GAIL Pankh' on GAIL website.



# Personalia



**Shri M. V. Iyer**  
Director (Business Development) assumes additional charge as Chairman & Managing Director of GAIL (India) Limited.



**Shri R. K. Srivastava**  
Director (Exploration) assumes additional charge as Chairman & Managing Director of Oil and Natural Gas Corporation Limited.



**Shri Y. K. Chaubey**  
Director (Technical) assumes additional charge as Chairman & Managing Director of NHPC Limited.



**Shri Dinesh Kumar Batra**  
Director (Finance) assumes additional charge as Chairman & Managing Director of Bharat Electronics Limited.



**Shri Atul B. Patil**  
Director (Marketing) assumes additional charge as Chairman & Managing Director of National Fertilizers Limited.



**Shri Krishna Kumar Singh**  
assumes charge as Director (Personnel) of Steel Authority of India Limited.



**Shri Sukhmal Jain**  
assumes charge as Director (Marketing) of Bharat Petroleum Corporation Limited.



**Shri Ayush Gupta**  
assumes charge as Director (Human Resources) of GAIL (India) Limited.



**Shri Jai Prakash Srivastava**  
assumes charge as Director (Engineering, Research & Development) of Bharat Heavy Electricals Limited.



**Shri R. K. Tyagi**  
assumes charge as Director (Operations) of Power Grid Corporation of India Limited.



**Shri R. M. Uthayaraja**  
assumes charge as Director (Manufacturing Businesses) of Balmer Lawrie & Co. Ltd.



**Shri Lokesh Kumar Aggarwal**  
assumes charge as Director (Finance) of India Tourism Development Corporation Limited.



**Shri Harsh Nath Mishra**  
assumes charge as Director (Personnel) of Central Coalfields Limited.



**Shri Manoj Sharma**  
assumes charge as Director (Commercial) of Power Finance Corporation Limited.

# PSEs CSR Activities

## NHPC contributes Rs. 2 crore to Chief Minister's Relief Fund, Assam



Shri A. K. Singh, CMD, NHPC presenting cheque of Rs. 2 crore to Dr. Himanta Biswa Sarma, Chief Minister of Assam.

NHPC has contributed Rs. 2 Crore in Chief Minister's Relief Fund, Assam to combat the devastating flood in the state. Shri A. K. Singh, CMD, NHPC met Chief Minister of Assam Dr. Himanta Biswa Sarma at Guwahati and presented the cheque in this regard. On this occasion, Shri Pradan Baruah, Member of Parliament (Lok Sabha), Lakhimpur Lok Sabha constituency and Shri Manab Deka, Member of Legislative Assembly, Lakhimpur Assembly constituency were also present.

On this occasion, the progress of construction of 2000 MW Subansiri Lower Project was also reviewed and the Chief Minister wished for its completion at the earliest. He said the state government will extent all possible support for commissioning of the project. Chief Minister and CMD, NHPC also discussed about development of hydroelectric and solar power in Assam including pump storage hydro plants and floating solar parks.

## Hindustan Aeronautics Limited enhances ICU, Emergency facilities at NIMS, Hyderabad under CSR.

HAL, Corporate Office has extended its support under CSR for augmenting the capacities of Government COVID Hospital, Nizam Institute of Medical Sciences in Hyderabad, Telanganain association with Tata Education and Development Trust (TEDT), wherein HAL had provided Medical Equipment to support Critical Care facilities viz., Level 3, Level 4 & Level 5 ICU capabilities of the Hospital, worth of above Rs. 8.00 crores.

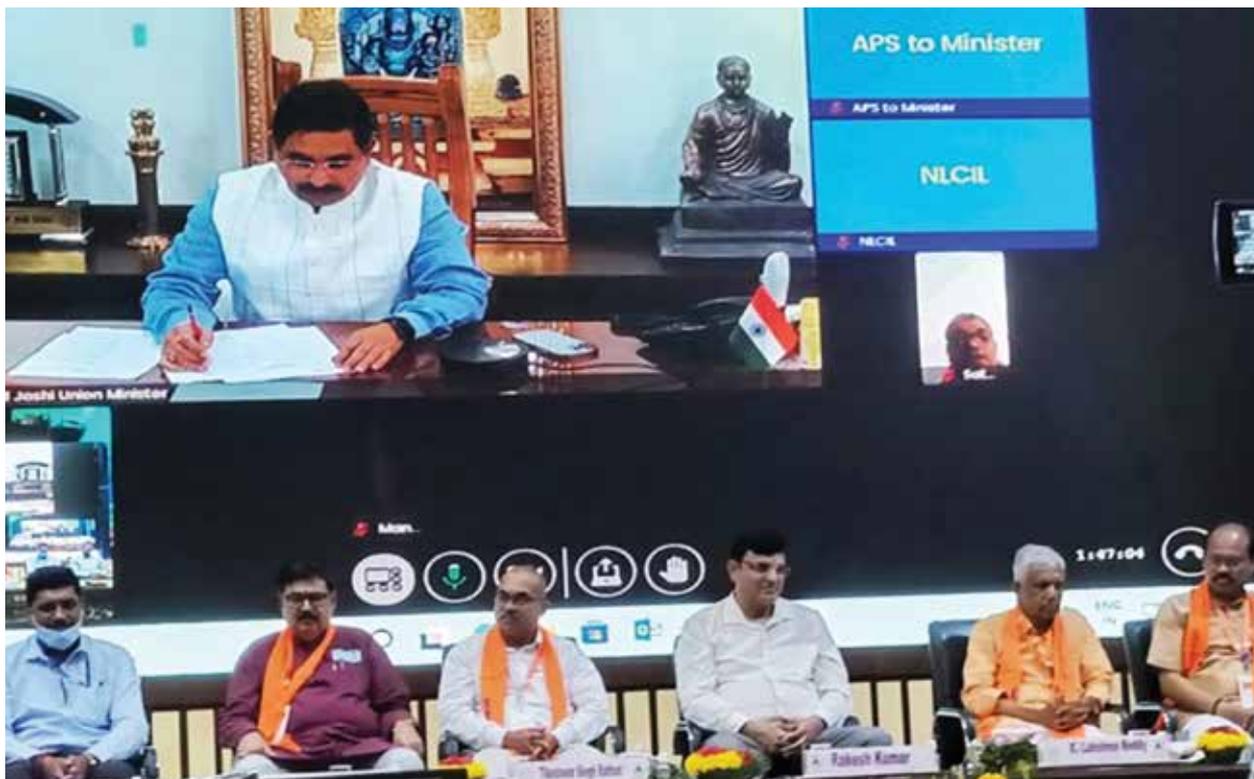


Shri Alok Verma, Director (HR) - HAL along with Shri HSD Srinivas, Director (Health)- Tata Trusts, Dr. K. Manohar, Director - NIMS and senior officials from HAL, TEDT & NIMS during the event.

Shri Alok Verma, Director (HR) - HAL, inaugurated the above facility recently after which operationalising of the three ICUs and Emergency Wards were announced. Shri HSD Srinivas, Director (Health)-Tata Trusts, Dr. K. Manohar, Director - NIMS and Senior Officials from HAL, TEDT & NIMS were also present during the event. The three new Wards will supplement the existing infrastructure, improve capacity and enhance emergency & critical care at the Hospital, aiding treatment of an additional 350-400 patients, every month. This Project is one of the significant initiatives of HAL towards strengthening the Healthcare Infrastructure. ■



## Union Coal Minister inaugurates National Workshop on Mines Safety at Neyveli



Shri Pralhad Joshi, Union Minister of Coal, Mines and Parliamentary affairs virtually addressing the participants of National Workshop on Mines Safety, held at Neyveli. On the dais at Neyveli are – Shri Rakesh Kumar, CMD, NLCIL, Shri Lakshma Reddy, Member, Standing Committee on Safety in Mines and Office bearers of Akhil Bharatiya Khadan Mazdoor Sangh.

**S**hri Pralhad Joshi, Union Minister of Coal, Mines and Parliamentary affairs virtually inaugurated a two day National Level Workshop on Mines Safety, organised by the All India Bharatiya Khadan Mazdoor Sangh in support with NLC India Limited.

To inculcate Safety procedure and practices among the employees of Mining companies functioning under the Union Coal Ministry, the Akhil Bharatiya Khadan Mazdoor Sangh organised a National workshop on “Mines Safety” in support with NLC India Limited at Learning

& Development Center, Block-20, Neyveli.

While inaugurating the workshop, Union Minister of Coal, Mines and Parliamentary affairs Shri Pralhad Joshi, who also participated through virtual mode as the Chief Guest of the event stressed the importance of safety for the Mine workers. He stated that there should be no compromise on safety and that budgetary allocation for safety is not an issue at all. He very much appreciated NLC India Limited for joining the purposeful event.

In his keynote address, Shri Rakesh Kumar, CMD, NLCIL

explained about the NLCIL’s way of inculcating safety procedures in its Mines and Thermal Stations. He also informed that NLCIL is regularly winning Safety Awards for “Less Injury Rate” from the Central and State Governments.

Shri K. Lakshma Reddy, Member, Standing Committee on Safety in Mines, in his special address, appreciated NLCIL for Zero Fatal Accident. Shri Sudhir Gurde, General Secretary and Shri Ashish Murthy, Treasurer of Akhil Bharatiya Khadan Mazdoor Sangh, Shri Raghupati Peddi Reddy, Dy. Director, Mines also spoke on the inaugural function.

# PSEs Ink MoU

## NLC India Ltd. inks MoU with Assam Power Distribution Company Ltd., for development of 1000 MW Renewable Energy Projects in Assam State



Shri K. Mohan Reddy, Director Planning and Projects, NLCIL and Shri R. Kumar, IAS, Managing Director, APDCL exchanging the MoU signed for establishing 1000 MW Solar Power Projects in the State of Assam, in presence of Shri Pralhad Joshi, Union Minister, Parliamentary Affairs, Coal and Mines, Dr. Himanta Biswa Sarma, Chief Minister of Assam, Shri Rakesh Kumar, CMD, NLCIL, Dispur, Assam.

NLC India Ltd. witnesses yet another iconic day as it signs its MoU with Assam Power Distribution Company Limited (APDCL) and marks its footprints in North East region. NLCIL under the administrative control of Ministry of Coal, and APDCL wholly owned by the Government of Assam have entered into a Memorandum of Understanding to form a joint venture company with equity participation of 51% by NLCIL and 49% by APDCL to develop 1000 MW of Solar Power Project in the State of Assam to empower the citizens with required energy while maintaining ecology with green energy sources. This initiative will develop the State of Assam by providing employment opportunities, technical knowhow and overall upliftment of the State of Assam too.

The MoU is signed by Shri K. Mohan Reddy, Director (Planning and Projects), NLCIL and Shri R. Kumar, IAS, Managing Director, APDCL in the august presence of Union Minister of Coal, Mines & Parliamentary Affairs, Shri Pralhad Joshi and Chief Minister of Assam Dr. Himanta Biswa Sarma., Smt. Nandita Gorlosa Assam Cabinet Minister for Power,

Mines & Minerals, Cooperation, and Indigenous Tribal Faith & Culture Dept., Shri Rakesh Kumar, CMD, NLCIL and Dr. Suresh Chandra Suman, Director (Mines), NLCIL and APDCL officials. The Chief Minister of Assam Dr. Himanta Biswa Sarma during the event stated the importance of the project and how it attempts to cater to requirements of the energy needs of State of Assam. While, he also appreciated NLCIL for having proactive in establishing the Joint Venture. Union Minister of Coal, Mines & Parliamentary Affairs Shri Pralhad Joshi, acknowledged the efforts of NLCIL and shared that the initiative will be an iconic development opportunity to the State of Assam while simultaneously contributing to the renewable energy business of the country.

## EIL to enter Strategic Alliance with M/s DEEP. KBB GmbH, Germany for Salt Cavern Projects

The Board of Directors of Engineers India Limited in its 365<sup>th</sup> Meeting held recently has approved Strategic Alliance with M/s DEEP. KBB GmbH, Germany for salt cavern projects. The alliance shall jointly pursue Basic Design, Detail Engineering, Project Management and Construction Supervision Services for underground and above ground Salt Cavern Storage Facilities for Hydrocarbons and other products like Hydrogen & Carbon Dioxide for Indian and International clients, in line with EIL's vision 'To be a Global Leader offering Total Energy Solutions for a Sustainable Future.'

## BEL signs Rs. 250 cr contract with MoD, GoI, for supply of Integrated Anti Submarine Warfare systems (IAC MOD 'C')

Bharat Electronics Limited (BEL) signed a contract with the Ministry of Defence, Government of India, worth around Rs. 250 crores, towards supply of nine Integrated ASW Complex (IAC) MoD 'C' Systems. IAC MoD 'C' is an Integrated Anti-Submarine Warfare (ASW) system for all surface ships of the Indian Navy. IAC MoD 'C' computes Fire Control Solutions and facilitates firing of ASW weapons such as Torpedoes and Rockets. The fire control system can be customised to meet the requirements of any platform of interest — from small ships to large



ships configuration. In addition, the system facilitates counter measure capability for incoming torpedoes through decoy launching system. IAC MoD C has been indigenously developed by BEL in association with DRDO, in accordance with the Hon'ble Prime Minister, Shri Narendra Modi's vision of an 'Aatmanirbhar Bharat', a self-reliant nation.

### **NITI Aayog and NTPC sign Statement of Intent to develop the Net Zero GHG emissions Roadmap for NTPC**



NITI Aayog and NTPC officials after signing statement of interest.

NTPC Ltd. signed a Statement of Intent (SoI) with NITI Aayog to develop the Net Zero GHG emissions Roadmap for NTPC. Paving the pathway towards greening the power sector of the country, the SoI seeks to formalize a framework of cooperation between the parties to facilitate NTPC to strategies on diversification of its generation mix to eventually reduce its carbon footprint and support India's endeavour towards achieving net zero by 2070. As the Government of India has announced the 'Panchamrit' goals during CoP 26, NITI Aayog is working on the development of different scenarios/pathways for achieving Net Zero by 2070. With 17% of installed generation capacity of the country, NTPC meets around 24% of the country's power requirement. With this collaboration, NTPC would be

able to utilize the expertise of NITI Aayog's energy team for

- Development of Net Zero GHG emissions Roadmap for NTPC to align with GoI's 'Panchamrit' goals.
- Emissions and energy (portfolio mix) modelling including development of scenarios for 2030, 2037, 2047 and 2070.
- Assistance in establishment of Carbon Management Unit (CMU) in NTPC with the aim of integrating all GHG reduction initiatives under one umbrella.

### **Signing of MoA between HAL and KSCST**



Officials from HAL and KSCST after the MoU signing.

As part of the CSR initiative for the FY 2022-23 towards promoting Education, HAL Corporate Office has undertaken the Project of supporting the Karnataka State Council for Science and Technology (KSCST), an Autonomous Organization under the Department of Science & Technology, Govt. of Karnataka. The Project involves purchase of Items/ Equipment's/ Infrastructure related to Information and Communication Technology by KSCST and installation of the same in the Karnataka Residential Educational Institutions Society (KRIES)'s Residential Science Schools/PU Colleges. The total value of the Project is Rs. 3.64 crore. In this aspect, A Memorandum of Agreement (MoA) was signed between HAL and KSCST represented by Shri Chittela Venkateswara Rao, General Manager (HR-CSR & FM) and Shri H. Hemanth Kumar, Executive Secretary - KSCST, respectively. On this Occasion, Shri H. Hemanth Kumar appreciated the support proposed to be extended by HAL and mentioned that this will benefit the students belonging to economically weaker strata of the Society who are not having access to the Modern Information Technology oriented means & mediums of education.

## POSOCO signs MoU with IMD for better electricity grid management



Shri S. R. Narasimhan, CMD, POSOCO and Dr. Mrutyunjay Mohapatra, DG, IMD at NRLDC, POSOCO office during MoU signing.

National Grid Operator Power System Operation Corporation Limited (POSOCO) signed a memorandum of understanding with India Meteorological Department (IMD) where both the parties agreed that weather information provided by IMD will be used by the Power System Operators across the India for better management of Indian Power System and for the purpose of analysis. The MoU was signed by Shri S. R. Narasimhan, CMD, POSOCO and Dr. Mrutyunjay Mohapatra, DG, IMD at NRLDC, POSOCO office. The meeting was attended by other senior officials from both sides. IMD will make available current weather information every hour or lesser interval. It will provide weather forecasts of temperature, humidity, wind speed, wind direction, rainfall up to next 36 hours of the identified stations. It will also provide the snowfall forecast of hilly States and also along the route of important transmission lines passing through hilly terrains. It will provide weather parameters forecast at Renewable Energy plant locations.

## BHEL signs MoU with RVNL

BHEL and Rail Vikas Nigam Ltd. (RVNL) have signed an MoU to jointly work in the field of infrastructure and project execution, in India and abroad, through synergy of their respective capabilities. This will pave the way for collaboration in both the present as well as future areas of operation



towards the 'Aatmanirbhar Bharat Abhiyan' of the Government of India.

## ITI Limited signs MoU with CDOT for Technology Transfer of 4G Technologies

To supplement country's requirement of self reliance in the area of Telecommunication, two units of Department of Telecommunications (DOT), Ministry of Communications, namely ITI Limited, and Centre for Development of Telematics (C-DOT), have signed an MoU to establish a framework for cooperation of LTE/ LTE-A/4G technology based Wireless Communication Systems that will provide networks of the upcoming technologies to different telecom service providers in the country and also address business opportunities globally.

ITI Limited and CDoT will collaborate to create 'Make in India' stack as part of this MoU for the upcoming 4G & 5G opportunities in India. ITI Limited, with more than seven decades of experience in manufacturing will productionise the 4G upgradeable to 5G Radio Access Network (RAN) and related equipment in line with Government's initiative of 'Aatma Nirbhar Bharat'. ITI Limited will explore supplying the C-DOT LTE RAN/eNodeB systems to market opportunities in PSU, Railways, Defence, Export Markets, and so on. The MoU was exchanged between Shri D. Venkateswarlu, CMD, ITI Limited and Shri Daniel Jebaraj, Director, C-DOT in the presence of DOT officials led by Shri Harwesh Bhatia, Member (Services), Dr. Rajesh Sharma, DDG (SU), Shri Mukesh Mangal, DDG(SA-II), and Shri P. K. Singh, DDG (SA).

Speaking on this occasion, Shri D. Venkateswarlu, CMD of ITI Limited said, "CDOT has been a traditional technology partner and ITI Limited is delighted to join with CDOT to manufacture indigenous 4G telecom products that will cater to the needs of the demanding customers. ITI Limited has outstanding manufacturing capabilities and I am



glad CDOT is leveraging our strengths to further enhance the indigenous manufacturing capabilities within the country. Both ITI Limited and C-DOT are leaders in their respective areas, and this MoU will bring great synergy between the two organizations and leverage each other's strengths to develop world-class telecom products."

### REC partners with CEEW to improve the performance of discoms



Officials from REC Limited and CEEW after the signing of MoU.

REC Limited, has signed a Memorandum of Understanding (MoU) with Council on Energy, Environment and Water (CEEW) to collaborate on activities to improve the operational and financial sustainability of discoms through holistic deployment of smart meters, strengthening of power distribution networks and improved quality of service for electricity consumers. The MoU was signed in the presence of Shri R. Lakshmanan, Executive Director, REC Limited, and Dr. Arunabha Ghosh, Chief Executive Officer, Council on Energy, Environment and Water (CEEW). Under this partnership, in addition to providing research and evaluation support, CEEW will collaborate with REC to conduct primary and secondary research to help discoms in their efforts to deploy smart meter. CEEW's research will also help to leverage smart metering infrastructure for improved service delivery and ensure a positive consumer experience. Commenting about the partnership, Shri R. Lakshmanan said, 'This partnership provides us with a framework for future collaborative projects that can help improve the performance of discoms while bringing down their financial losses. We aim to engage CEEW as a knowledgeable partner with REC for the implementation of the RDSS scheme and

build capacities within REC and discoms to undertake evidence-based research.'

### IndianOil signs MoU with National Tiger Conservation Authority (NTCA) for Transcontinental Relocation of 'Cheetah' in its historical range in India



Shri Hardeep Singh Puri, Union Minister for Petroleum & Natural Gas and Housing & Urban Affairs; Shri Bhupender Yadav, Union Minister for Environment, Forest & Climate Change, Labour & Employment; Shri Ashwini Kumar Choubey, MoS, Ministry of Environment, Forest & Climate Change, Consumer Affairs, Food & Public Distribution; Shri Rameswar Teli, MoS, Petroleum & Natural Gas and Labour & Employment; Shri S. M. Vaidya, Chairman, IndianOil and Dr. S. P. Yadav, Addl. Director General (Project Tiger) and Member Secretary (NTCA) during MoU signing.

IndianOil signed an MoU with National Tiger Conservation Authority (NTCA) for transcontinental relocation of 'Cheetah' in its historical range in India, in an event held recently at Paryavaran Bhawan, New Delhi. The MoU was signed by Shri S. M. Vaidya, Chairman, IndianOil and Dr. S. P. Yadav, Addl. Director General (Project Tiger) and Member Secretary (NTCA) in the presence of Shri Hardeep Singh Puri, Union Minister for Petroleum & Natural Gas and Housing & Urban Affairs, Shri Bhupender Yadav, Union Minister for Environment, Forest & Climate Change, Labour & Employment, Shri Ashwini Kumar Choubey, MoS, Ministry of Environment, Forest & Climate Change, Consumer Affairs, Food & Public Distribution, and Shri Rameswar Teli, MoS, Petroleum & Natural Gas and Labour & Employment. This is in continuation with the MoU signed earlier between Government of India and Government of the Republic of Namibia on wildlife conservation and sustainable biodiversity utilization, for establishing the cheetah into the historical range in India. IndianOil will be contributing Rs. 50.22 crore over 5 years for the project



components viz. Cheetah Introduction, its Habitat Management & Protection, Eco Development, Staff Training and Veterinary Healthcare. Under this project, a source population of 15-20 Cheetahs will be flown in from Namibia and South Africa and will be introduced at Kuno National Park, Madhya Pradesh. It is a national project involving National Tiger Conservation Authority (NTCA), Govt. of India and the State Govt. of Madhya Pradesh. IndianOil is the first corporate which has come forward to support the 'Project Cheetah' under CSR, as the project has not only national importance but also essential for balancing the ecosystem.

Speaking on the occasion, Shri Hardeep Singh Puri, Union Minister for Petroleum & Natural Gas and Housing & Urban Affairs, said, 'Led by Hon'ble Prime Minister Shri Narendra Modi, India is now leading the way as far as sustainable progress, and ecological conservation is concerned. Indian PSUs have been doing well to strengthen Government's sustainable endeavours, and the Cheetah Introduction project is one such example. This MoU between IndianOil and NTCA should serve as a template for a future project on restoring Biodiversity. Cheetahs are human-friendly and special, and their return to India is an important environmental leap.

Shri Bhupender Yadav, Union Minister for Environment, Forest & Climate Change, Labour & Employment, said, "This unique endeavor to introduce Cheetah back to India has been inspired by the vision of Hon'ble Prime Minister Shri Narendra Modi. We have been pursuing a development

agenda that is centred around a focus on nature and biodiversity. The Cheetah Introduction project is in sync with that focus and is vital from environmental, cultural, and spiritual points of view".

Shri Ashwini Kumar Choubey, MoS, Ministry of Environment, Forest & Climate Change, Consumer Affairs, Food & Public Distribution, said, "Appreciate IndianOil's environmental focus, and this path-breaking endeavour should act as an inspiration for other corporates. I appeal to all to contribute to protecting India's biodiversity and wildlife". Shri Rameswar Teli, MoS, Petroleum & Natural Gas and Labour & Employment, said, "I congratulate IndianOil and NTCA for collaborating to strengthen the Government of India's endeavours for restoring India's rich history and heritage.

Shri S. M. Vaidya, Chairman, IndianOil, said, "The MoU between IndianOil and NTCA demonstrates the nation's resolve to nurture a greener, brighter and vibrant new India. I am sure that NTCA will steward this project on a mission mode, and let me assure everyone of IndianOil's steadfast commitment to supporting this endeavour at all times. I must add that this Cheetah Introduction Project is in sync with our priority of conserving India's natural habitat and heritage. Our mascot, the now famous IndianOil Rhino, stands firm as a testimony to that commitment". NTCA is the nodal agency authorized by MoEF&CC for funding, supervision and hand holding. IndianOil will contribute its CSR funds to NTCA, which shall co-ordinate with the State Govt. of Madhya Pradesh and other agencies involved in the project. ■

## BHEL commissions India's Largest Floating Solar PV plant Another major milestone in self-reliance

**B**harat Heavy Electricals Limited (BHEL) has successfully commissioned floating Solar PV plant rated at 100 MW at NTPC Ramagundam in Telangana. The plant is installed across the natural raw water reservoir, saving valuable land resources, and also conserves water by reducing evaporation.

With innovatively engineered

layouts and arrangements for the solar PV modules, electricals and floaters, the plant will ensure that the aquatic ecosystem is maintained while producing clean power. All major components of the solar plant – viz. solar PV modules, floaters, bio-degradable natural ester oil filled inverter-duty transformers, switchgear, SCADA and cables are indigenous,

contributing to the Government of India's 'Make in India' mission. With this, BHEL has achieved the unique distinction of commissioning 3 floating solar projects – 25 MW at NTPC Simhadri, 22 MW at NTPC Kayamkulam and 100 MW at NTPC Ramagundam - in the last 10 months. Each one of them is unique in respect of their engineering and execution features.



# Keel laid for the **Fourth Stealth Frigate of Project 17a**



**R**Adm G. K. Harish, Director General Naval Design of the Indian Navy laid the keel of the fourth ship (Yard - 12654) of the P17A class stealth frigates. P17A warships are

follow-on warships of the Shivalik class stealth frigates. Seven frigates in this series will be constructed of which four are being constructed in Mazagon Dock Ship builders Limited (MDL) and three in GRSE with MDL as the lead yard. The P17A class frigates are being built using indigenously developed steel and fitted with state-of-the-art weapons and sensors along with Integrated Platform Management System. These ships are having enhanced stealth features. Construction of P17A ships differ in the very concept of warship building by way of adoption of a state-of-the-art methodology namely, 'Integrated Construction (IC)' where the blocks are pre-outfitted before joining to reduce the build period of warships. When commissioned the platforms will exponentially enhance the combat capability of the Indian Naval fleet.

## Secretary Coal & Joint-Secretary (MoC) **visits NCL Coal Mines**

**N**CL is keen to promote Sustainable coal mining which is getting reflected in the recent initiatives by NCL said Dr. Anil Kumar Jain, Secretary Coal, Government of India on his visit to Singrauli-based Coal India's Subsidiary NCL. While interacting with Senior NCL Officials he emphasised to scale up coal production & dispatch in sustainable manner to make the nation self-reliant in energy sector. He exhorted to adopt innovative means in mining process to mitigate its impact on environment & urged team NCL to embrace business diversification. CMD, NCL Shri

Bhola Singh, DT (P&P), CVO, and senior officials remain present in the meeting. Recently, Secretary Coal Dr. Anil Kumar Jain along with Joint Secretary, Ministry of Coal Smt. Vismita Tej arrived to NCL Singrauli. Secretary Coal also laid down the foundation stone of the 50 MW Solar Power plant in the Nigahi Area. He visited the Nigahi open cast coal mine and oversaw the mine operation. He also inspected the site of ongoing First Mile Connectivity Project (Coal Handling Plant) at Jayant Area. Dr. Anil Kumar Jain along with Joint Secretary Smt. Vismita Tej interacted with various stakeholders of the



Dr. Anil Kumar Jain, Secretary Coal, GoI; Smt. Vismita Tej, Joint Secretary, Ministry of Coal; Shri Bhola Singh, CMD, NCL and other senior officials at NCL site.

Company including coal consumers i.e. prominent power Gencos during the visit.

# OIL completes beta demo of **Hydrogen Powered Bus** developed under its Startup programme SNEH

**O**il India Limited (OIL) completed beta demonstration of the hydrogen powered bus developed by Ohm Cleantech Private Limited under 'Startup Nurturing, Enabling and Handholding (SNEH)' programme of OIL in Pune, Maharashtra. The 9-meter Bus built on a 60 kW PEM Fuel Cell engine will power the electric drive and provide for a minimum range of 450 km while emitting water in the exhaust.

The demonstration adds another feather to the Green Hydrogen hat of OIL as the company has already commissioned a 99.999% pure Green Hydrogen plant in Jorhat, Assam recently. The efforts are in the direction of pursuing Zero Emission and Green Hydrogen targets set forth by Hon'ble Prime Minister of India, and towards sustained production and deployment of the Net-Zero roadmap that will help the North-Eastern states of India attain Energy Independence.

On the occasion, Shri S. C. Mishra, CMD, OIL said that this is a major step towards zero-emission



mobility within OIL and also in the North-East India. With technology partners like Ohm Cleantech and h2e Power who can set up manufacturing plants for Electrolysers and Fuel Cells in the North East, OIL will play an important role in fulfilling India's energy targets. We intend to deploy this bus for Green Kaziranga Tourism by the end of this year to welcome tourists to this zero-emission travel experience. He added that the Green Hydrogen required for the bus will come from OIL's Green Hydrogen plant in Jorhat, Assam.

Speaking at the event Smt. Bhavana Mayur, Director Ohm Cleantech said, we are humbled at the trust shown by OIL on us. What we have achieved today, in a record time, is a testimony of the strength in India's startup ecosystem. Along with our partners h2e Power, Nuvera & EKA mobility we are confident of making Hydrogen mobility a reality.

Shri Sudhir Mehta, Chairman of EKA Mobility added, we are

proud to be associated with this project as it echo's the vision of EKA to contribute to the reduction of emissions & provide a great driving experience to the passengers & the driver. We are focused on revolutionizing the public transport system in India and abroad. As one of the winners of the PLI scheme on e-Vehicles and components, our partnership with h2e and Ohm is significant as we will deliver state-of-the-art technology that is Made in India.

NUVERA of USA, h2e Power Systems Pune are the key partners to OHM along with EKA Mobility in developing the FCBus and NUVERA's product Manager Shri Kedar Murthy, speaking from Boston USA confirmed NUVERA's commitment to the Indian market. He added, our alliance with h2e Power and their group company OHM Cleantech has so far seen the delivery of India's first Hydrogen Forklift and now we will deliver the bus. We look forward to participating in India's quest to clean mobility.

# PSEs celebrate 'Har Ghar Tiranga'

## NTPC celebrating 'Har Ghar Tiranga' campaign with patriotic fervour



NTPC Ltd. is celebrating 'Har Ghar Tiranga' campaign with patriotic zeal and fervour. The 'Har Ghar Tiranga' campaign comes under the aegis of 'Azadi Ka Amrit Mahotsav' and has been implemented to encourage employees, associates and people living in the vicinity to bring the Tiranga home and to hoist it to honour the 75<sup>th</sup> year of India's independence. At NTPC project locations, Indian Flags are being provided to the nearby local community to celebrate 75 years of Indian Independence and "Har Ghar Tiranga" campaign.

Employees of NTPC are hoisting the Flag at their respective homes to commemorate the "Azadi Ka Amrit Mahotsav". Employees have registered on [www.harghartiranga.com](http://www.harghartiranga.com) to showcase their pictures with the Indian Flag to commemorate the "Har Ghar Tiranga" spirit. The idea behind the initiative is to invoke the feeling of patriotism in the hearts of the people and make them remember the contribution made by the country's freedom fighters for India's Independence and to promote awareness about the Indian National Flag.

## NHPC celebrates 'Har Ghar Tiranga'

NHPC is observing the 'Har Ghar Tiranga' campaign under the aegis of Azadi Ka Amrit Mahotsav



Shri A. K. Singh, CMD, NHPC along with Shri Y. K. Chaubey, Director (Technical), Shri Biswajit Basu, Director (Projects) and Smt. Sudha Singh, President, Ladies Welfare Association, NHPC during 'Tiranga March' organized by NHPC to celebrate Har Ghar Tiranga campaign under Azadi Ka Amrit Mahotsav at NHPC Residential Colony, Faridabad.

at its Corporate Office, Power Stations, Projects, Regional Offices and other units across the country. A 'Tiranga March' led by Shri A. K. Singh, CMD, NHPC was organized at NHPC Residential Colony, Faridabad wherein Shri Y. K. Chaubey, Director (Technical), Shri Biswajit Basu, Director (Projects) and Smt. Sudha Singh, President, Ladies Welfare Association, NHPC participated along with a large number of NHPC employees and their family members. The 'Tiranga March' was marked with great enthusiasm and deep patriotic fervour. After the Tiranga March, a 'Sadbhavna Cricket' match was also held between 'Team Solar' under guidance of Shri A. K. Singh, CMD, NHPC and 'Team Wind' under the guidance of Shri Y. K. Chaubey, Director (Technical), NHPC. The match was won by Team Solar by 6 wickets.

## BEML distributes Flags as part of 'Har Ghar Tiranga'

BEML is distributing Indian National flags to employees and citizens residing in the vicinity of its offices as part of 'Har Ghar Tiranga' campaign a Government of India initiative to commemorate 'Azadi Ka Amrit Mahotsav' – the 75<sup>th</sup> Independence Day celebrations.

BEML has also undertaken various activities like



Celebration of Har Ghar Tiranga Utsav by BEML employees.

display of banners, posters, rallies and skits in the vicinity of its Division, Offices and Township Employees to hoist the National Flag at their home from 13<sup>th</sup>-15<sup>th</sup> August 2022.

While distributing the flags to the BEML Sr. Management, Officers and employees at its HQ, Shri Amit Banerjee, CMD, BEML said, "Our Tricolour Flag is a symbol of pride for every Indian and I am delighted to participate in this national integrity programme."

## GRSE observes 'Har Ghar Tiranga' Utsav

Garden Reach Shipbuilders and Engineers Ltd., (GRSE), initiated their "Har Ghar Tiranga" program under the aegis of Azadi ka Amrit Mahotsav. The celebrations started with the inaugural address by Dr. Dhruvajyoti Chattopadhyay, Vice Chancellor of Sister Nivedita University, followed by the distribution of national flags by the dignitaries to the students of the university. The dignitaries present on the occasion included Shri R. K. Dash, Director of (Finance), GRSE, and eminent personality Smt. Rituparna Sengupta.

In his address, Prof. Dhruvajyoti Chattopadhyaya said 'Our relationship with the flag has always been more formal and institutional than personal. Bringing the flag home collectively as a nation in the 75<sup>th</sup> year of Independence thus becomes symbolic of not only an act of personal connection to the Tiranga but also an embodiment of our commitment to nation building which the Garden Reach Shipbuilders & Engineers Ltd. is performing for many years. The idea behind this initiative is to invoke the feeling of patriotism in the hearts of the people and to promote the awareness about the Indian national flag'.

Speaking on the occasion, Shri R. K. Dash said, 'Har Ghar Tiranga' is a campaign under the aegis of Azadi Ka Amrit Mahotsav to encourage people to bring the Tiranga home and to hoist it in their homes to mark the 75<sup>th</sup> year of India's Independence. This awareness program by GRSE is also an embodiment of our commitment to nation-building. Garden Reach Shipbuilders & Engineers Limited is the only shipyard which has given more than 100 ships to the Indian Navy and Indian Coast Guard. Extending this campaign towards every citizen of Kolkata, GRSE observed a week-long celebration included distribution of the National Flags to all employees Swachhta Abhiyan at Victorial Memorial a 'Quiz' on India's freedom struggle and flag hoisting at the residences of personnel to mark the 75<sup>th</sup> year of Indian Independence. Har Ghar Tiranga Utsav concluded with hoisting the Tricolour on Independence Day at all units of GRSE.



Officials from GRSE celebrating Har Ghar Tiranga Utsav.

Har Ghar Tiranga is an initiative under the aegis of Azadi Ka Amrit Mahotsav to bring out a personal connection for the Tricolor amongst every Indian.

## HAL to distribute 75,000 Flags as part of 'Har Ghar Tiranga' Campaign

HAL distributed 75,000 Indian national flags to employees and citizens residing in the vicinity of its offices as part of 'Har Ghar Tiranga' campaign, a Government of India initiative to commemorate Azadi Ka Amrit Mahotsav (India@75) celebrations. HAL took up various activities like displaying of banners, posters, walkathons and rallies in the vicinity of its Division, offices and townships to encourage its employees to hoist the national

Contd... to 55



## After 12 Years: NBCC gives Reasons to Smile to Amrapali Home Buyers



After a long wait of 12 years, Ld. Court Receiver Shri R. Venkatramani gave Possession Letters to around 171 Home Buyers at Silicon City-II, Noida and Dream Valley Villas, Greater Noida. On the occasion of Possession of Homes

cum Pooja Ceremony, Shri Ravi Bhatia-Forensic Auditor, Shri D. K. Mishra- Chartered Accountant, Shri K. P. M. Swamy, ED (Engg.), NBCC & other senior officials were present.

NBCC (India) Limited, under the supervision of committee

appointed by Supreme Court has successfully completed 3500 units in various societies, since taking over the task of completing the incomplete Amrapali projects in July 2019. NBCC has taken aim to deliver around 22,000 flats till 2024.

*Contd... from 54*

flag as per the 'National Flag Code' at their homes. The employees were also encouraged to 'Pin a Flag' virtually and upload 'Selfies with the National Flag' on the 'Har Ghar Tiranga' portal.

Shri C. B. Ananthkrishnan, CMD, HAL said, "This is a proud moment for all of us as we celebrate the 75<sup>th</sup> year of Indian independence

in a grand manner instilling the feeling of patriotism".

Various cultural events and competitions like quiz, group discussions were held on the theme of Independence and Indian National Flag at HAL schools, Divisions and local areas during the Independence week (11- 17 August). ■

# PSEs celebrate Azadi Ka Amrit Mahotsav



## Ujjwal Bharat, Ujjwal Bhavishya – Bijli Mahotsav

As part of 'Azadi Ka Amrit Mahotsav' – to celebrate 75 years of India's Independence, the Ministry of Power and New & Renewable Energy are organizing 'Bijli Mahotsav' across all districts of India under the umbrella of Ujjwal Bharat Ujjwal Bhavishya



Hon'ble PM addressed grand finale of Ujjwal Bharat Ujjwal Bhavishya - Power @2047 programme via video conferencing and highlighted various achievements of the power sector over the last eight years. Shri A. K. Singh, CMD, NHPC participated in the event from Anantnag (J&K).

– Power @ 2047 through active public participation and driven by the collaboration of the state and the Central Governments. Key achievements done in Power Sector in the last 8 years are being highlighted through these events.

Bijli Mahotsav kickstarted on 25<sup>th</sup> Jul-22 across various Districts in the country. Over the last few days more than 1500+ events/ activities were organized at district level in coordination with District administration and was attended by Union Ministers, MPs, State Ministers, and MLAs among other dignitaries in large numbers.

The grand finale of Ujjwal Bharat Ujjwal Bhavishya was organized recently. This was a National level celebration attended by the Hon'ble Prime Minister of India, Shri Narendra Modi, who addressed the participants and beneficiaries from over 100 districts across the country through virtual mode. Shri A. K. Singh, CMD, NHPC participated in the event from Anantnag (J&K). During the event, Hon'ble PM also interacted with the beneficiaries of various schemes in the Power Sector rolled out by the Government of India, across 5 districts.

The Hon'ble Prime Minister also launched the Ministry of Power's flagship Revamped Distribution Sector Scheme which is aimed at improving the operational efficiencies and financial sustainability of Distribution Companies.

The PM also launched the national portal for Rooftop solar, which will enable online tracking of the process of installation of rooftop solar plants, starting from registering the applications to release of subsidy in residential consumers' (beneficiaries) bank account after installation and inspection of the plant. The Hon'ble Prime Minister also dedicated 2 floating solar power projects 100MW Ramagundam in Telangana and 92MW Kayamkulam in Kerala which are the 2 largest such floating solar plants with more than

*Contd... to 57*



## CMD, BHEL inaugurates **Swachhata Pakhwada in BHEL;** Administers Swachhata Pledge to employees

Inaugurating the Swachhata Pakhwada in Bharat Heavy Electricals Limited (BHEL), Dr. Nalin Shinghal, CMD, BHEL, administered the 'Swachhata Pledge' to the company's employees. The CMD exhorted BHEL employees to participate enthusiastically and contribute whole heartedly to the National 'Swachh Bharat' Mission.



*Contd... from 56*

7.5 lakh 'Made in India' Solar Modules floating on water. Hon'ble Prime Minister also laid foundation stone for three key green energy projects of NTPC- 735 MW Nokh Solar Project in Rajasthan, Green Hydrogen Mobility Project in Leh and Kawas Helium Blending with Natural Gas project in Gujarat.

### **SAIL participates in AKAM Iconic Week celebrations by Ministry of Steel with tableau inauguration at Kolkata**

Steel Authority of India Limited (SAIL) launched a tableau at Kolkata recently kickstarting celebrations

under the 'Azadi Ka Amrit Mahotsav' Iconic Week observed by Ministry of Steel. The tableau was inaugurated by Chairman, SAIL in presence of Director (Commercial) and other senior officials of the Company. Similar tableaus were also flagged off at other SAIL Plant locations. The Company has also planned several other thematic events to celebrate this week with extensive public participation across its Plant and Unit locations. The Ministry of Steel is celebrating this week as a Jan-Utsav in the spirit of Jan-Bhagidari.

The tableau's digital screen showcases steel usage, Aatmanirbhar Bharat, Make in India and various SAIL steel products and their usages. The tableau will move across the city to raise awareness about 'Azadi Ka Amrit Mahotsav' and steel usage at large. ■

# PSEs celebrate Independence Day

## 76<sup>th</sup> Independence Day celebrated at NALCO headquarters with enthusiasm



NALCO joined the nation in celebrating the 76<sup>th</sup> Independence Day with enthusiasm and patriotic fervour. Shri Sridhar Patra, CMD, NALCO, hoisted the National Flag and paid rich tributes to the freedom fighters and soldiers guarding our frontiers. He called upon NALCO collective to strive for realizing our Hon'ble Prime Minister's Dream of Aatmanirbhar Bharat. On this occasion, a special cultural programme was organised, wherein Divyang artistes presented patriotic songs. To encourage the Divyang artistes for their innovative skills and performance, Shri Sridhar Patra, CMD and Smt. Sasmita Patra, President, NALCO Mahila Samiti felicitated them and presented mementos as a token of appreciation. Besides, to mark the occasion, food packets were also distributed to the indoor patients of AIIMS, Bhubaneswar.

## Oil India Limited celebrates 76<sup>th</sup> Independence Day

Oil India Limited (OIL) celebrated India's 76<sup>th</sup> Independence Day with full zeal and vigour in its Noida Office. Dr. Ranjit Rath, CMD, Oil India Limited unfurled the Tiranga amidst the singing of the National Anthem in presence of Functional Directors and other employees of the Company. Addressing the gathering, Dr. Rath emphasised that with independence and freedom, comes a huge



sense of responsibility for each individual and we all must acknowledge this responsibility we carry. The quantum and nature of responsibility may vary, that depends on the portfolios or the positions of every individual. While we must understand and accept the responsibility of ourselves, it is imperative to acknowledge the efforts of those individuals, who has been constantly discharging their responsibilities, he said.

Dr. Rath highlighted the need for renewed commitment of every Oil Indian and acknowledged the contribution of OIL's Energy Warriors in securing India's energy needs towards fulfilling Hydrocarbon Vision 2030 of Govt. of India.

## NMDC celebrates 76<sup>th</sup> Independence Day

NMDC celebrated the 75 illustrious years of Indian Independence by hoisting the national flag on the occasion of the 76<sup>th</sup> Independence Day at the company's headquarters in Hyderabad and all its project sites with great fervour. Shri Sumit Deb, CMD, NMDC along with Shri A. Shankariah, senior most employee at Head Office unfurled the tricolour at the NMDC Corporate Office at Hyderabad in the presence of functional directors of NMDC, Shri Amitava Mukherjee, Director (Finance); Shri Somnath Nandi, Director (Technical); Shri Dilip Kumar Mohanty, Director (Production); Shri B. Vishwanath, IRSS, Chief Vigilance Officer and employees.

On this occasion Shri Sumit Deb, CMD, NMDC



said, 'The role of PSUs in the economic growth of the nation has been monumental and NMDC has consistently dedicated itself to meet the infrastructure needs of the country. As we celebrate Azadi Ka Amrit Mahotsav, I urge everyone to wholeheartedly participate in 'Har Ghar Tiranga' by hoisting the flags at their homes as a mark of respect, gratitude and tribute to our motherland. As flag bearers of the country's future, it is our duty to preserve the ethos of this great nation.'

### GRSE celebrates Independence Day

Garden Reach Shipbuilders and Engineers Ltd., (GRSE) celebrated Independence Day with patriotic fervour and enthusiasm. Cmde P. R. Hari IN (Retd), CMD, GRSE, hoisted the National Flag at GRSE Bhavan in the presence of Shri R. K. Dash, Director (Finance), GRSE, Cdr Shantanu Bose, IN (Retd), Director (Shipbuilding), GRSE and other senior officials and employees of GRSE. As part of the 'Har Ghar Tiranga' initiative under the aegis of Azadi Ka Amrit Mahotsav, GRSE organised a series of events from 8 Aug 22 to the 13 Aug 22, starting with the distribution of flags to students at Sister Nivedita University (SNU), Kolkata. GRSE organised Swachhta Abhiyaan around 11



prominent monuments in Kolkata including the Victoria Memorial and a Rally from its Main Works Shipbuilding Unit to 61 Park Engineering Unit. Flags were distributed to local school children & employees & a Quiz Contest organised on 'India's Freedom Struggle' for employees. The winners of the quiz Contest were awarded. In his address, Cmde P. R. Hari IN (Retd), CMD, GRSE, greeted all employees & appreciated the determined efforts made by them to take the organization forward despite several challenges. While urging employees to keep the sacrifices made by the country's freedom fighters in mind, he stated that Freedom does not come Free and every employee in which ever sphere they are, need to give their best & that would be the contribution they make towards the Shipyard and the Nation. He congratulated one and all on the stellar financial results of the shipyard. The CMD also appreciated the efforts put in by the CISF & Security personnel of GRSE in safeguarding the premier shipyard of the country. The CMD concluded by reaffirming GRSE's resolve to provide quality ships to the nation's maritime forces and remain committed to the national objective of achieving Self Reliance as the nation marches towards India 2.0.

### CMD, NSIC hoists National Flag



NSIC joined the Nation in celebrating the 76<sup>th</sup> Independence Day. Shri Gaurang Dixit, CMD, NSIC hoisted the National Flag & paid rich tributes to the freedom fighters & soldiers. Speaking on the occasion, he urged upon all NSIC employees to give their best performance during 2022-23 and work hard for the growth of NSIC. He is also reiterated NSIC's commitment to strive for realizing Hon'ble Prime Minister's dream of AatmaNirbhar Bharat. ■

# Awards & Accolades to PSEs

## Raksha Mantri launches BEL's AI-enabled Voice Analysis Software (AIVAS)

### BEL conferred 'Raksha Niryat Ratna' Award



Smt. Anandi Ramalingam, CMD, BEL, receiving the 'Raksha Niryat Ratna' Award (public sector category), which was conferred on BEL for achieving the highest Defence exports in recent years (2021-22), from the Raksha Mantri.

The Raksha Mantri Shri Rajnath Singh launched 75 newly-developed Artificial Intelligence (AI) products/solutions, including the AI-enabled Voice Analysis Software (AIVAS) of Navratna Defence PSU Bharat Electronics Limited (BEL) during the first-ever 'AI in Defence' (AIDef) symposium and exhibition, organised by the Ministry of Defence (MoD) at New Delhi as part of 'Azadi Ka Amrit Mahotsav' celebrations. Smt. Anandi Ramalingam, CMD, received the 'Raksha Niryat Ratna' Award (public sector category), which was conferred on BEL for achieving the highest Defence exports in recent years (2021-22). The award has been instituted in consonance with the MoD's vision to achieve Defence exports of Rs. 35,000 crores by 2025 and provide a boost to the domestic industry.

## NCL conferred with the Coal Minister Award 2021-22 for Production and Productivity and ERP Implementation

NCL Conferred with Coal Minister Award 2021-22 for Production and Productivity and ERP

Implementation. Minister of Coal, Mines and Parliamentary Affairs, Government of India, Shri Pralhad Joshi presented the award to NCL. Secretary Coal GoI Dr. Anil Kumar Jain and Chairman Coal India Limited Shri Pramod Agrawal and senior officials of Coal Ministry and Coal India Limited remain present in the ceremony.



Minister of Coal, Mines and Parliamentary Affairs presenting the Award to NCL.

NCL has been given the 2<sup>nd</sup> Prize for outstanding performance in production and productivity in FY 2021-22 and the First Prize in implementation of ERP (Enterprise Resource Planning) in a function held in New Delhi. CMD, NCL, Shri Bhola Singh, GM (Production) Shri L. P. Godse, and GM (Systems), Shri R. P. Gupta received the awards on behalf of NCL. Two Area's General Managers were also felicitated with Coal Minister's Award for Excellent performance in FY 2021-22. Jayant Area GM, Shri Bipin Kumar in Mega Mine Category and Kakri Area GM, Shri V. K. Agrawal in Medium Mine Category bestowed with Minister's award.

CMD, Shri Bhola Singh and the Functional Directors of the company have congratulated the Team NCL. CMD, NCL dedicated these accolades to the unwavering and relentless efforts of NCL's miners toward the energy security of the nation.

This was the 2<sup>nd</sup> edition in the series of Coal Minister's Awards which was announced earlier in categories like Production & Productivity, Safety, Sustainability, Quality, and ERP Implementation.

## Government of India confers '5-STAR' Rating for NALCO's



## Bauxite Mines for Sustainable Mining

The Panchpatmali Central and North Block Bauxite Mines of National Aluminium Company Limited (NALCO) have been conferred with the 5-Star Rating by the Ministry of Mines, GoI, in a stringent evaluation process taken up by the Indian Bureau of Mines (IBM). The 5-star rating award, along with certificate of excellence was presented by Shri Pralhad Joshi, Union Minister for Coal, Parliamentary Affairs and Mines in the presence of Shri Raosaheb Patil Danve, Minister of State for Coal, Railways and Mines, Shri Alok Tandon, IAS Secretary Mines, Govt. of India and Shri Sanjay Lohiya, IAS, Addl. Secretary, Mines, Govt. of India. On behalf of NALCO, the coveted award was received by Shri Bijay Kumar Das, Director (Production), NALCO, during the 6<sup>th</sup> National Conclave on Mines and Mineral held at Delhi.



Shri Pralhad Joshi, Union Minister for Coal, Parliamentary Affairs and Mines presenting the award and certificate to Shri Bijay Kumar Das, Director (Production), NALCO in the presence of Shri Raosaheb Patil Danve, Minister of State for Coal, Railways and Mines, Shri Alok Tandon, IAS, Secretary Mines, GoI and Shri Sanjay Lohiya, IAS, Addl. Secretary, Mines, GoI.

NALCO received the award for its efforts and initiatives undertaken in the implementation of the Sustainable Development Framework (SDF). The SDF includes scientific and efficient mining, implementation of best practices in mining operations, rehabilitation & reclamation of mined out area, environment protection, as also various steps taken in healthcare, skill and peripheral development.

Congratulating the Mines collective, Shri Sridhar Patra, CMD, NALCO said, 'This award is a testimony of our deep commitment towards sustainable and eco-friendly mining, which is at the core of our mining operations'. He further said that the award

is the result of the dedicated and committed teamwork of our Mining employees and management, coupled with the best practices being followed in our mining activities.

## NTPC recognized as one of the 'Most Preferred Workplaces of 2022'



NTPC has been recognized as one of the 'Most Preferred Workplaces of 2022' in the premier edition of 'Most Preferred Workplaces 2022' organized by Team Marksmen.

The esteemed award was received by Shri Dillip Kumar Patel, Director (HR), Shri Munish Jauhari, RED (West-1), and Shri Anil Kumar Jadli GM HR at a function held in Mumbai.

This unique industry-led initiative has been informed and driven by insights drawn from an industry-wide, in-depth research and survey conducted by Team Marksmen. This award showcases and celebrates organizations which have managed to maximize employee well-being, engagement and productivity alongside organizational performance.

It highlights organizations which have particularly succeeded in their holistic reorientation of the business landscape, and have also seen them create an employee experience that is meaningful, collaborative, and inspiring, simply by putting the needs of employees first and adopting people practices

aligned strategically to business and creating a caring, learning and engaging workplace.

Organizations have been appraised on the parameters of Employee Centricity, Organizational Purpose, Intrapreneurial Ecosystem, Work Flexibility, Diversity and Equality, Growth and Rewards, Social Cohesion.

### Hindustan Copper awarded as the Sectoral Star by Fortune India

Hindustan Copper Limited has been felicitated as the Sectoral Star for its outstanding performance in the Metals Industry at the Fortune India's 'The Next 500' event held in Delhi. The award was given by the Chief Guest, Shri Sarbananda Sonowal, Union Minister for Ports, Shipping and Waterways & Minister of Ayush, and the Guest of Honour,



Shri Arjun Ram Meghwal, Union Minister of State for Parliamentary Affairs & Culture. In the metals category, Hindustan Copper Limited came on the top, becoming the only state-owned company to win Fortune India award this year. ■

## HPCL commences its first Cowdung to Compressed **Biogas Project**

In a transcending move towards Green energy and commitment towards environmental stewardship, HPCL commenced its Cowdung to Compressed Biogas Project at Sanchore, Rajasthan. This will be HPCL's first project under Waste to Energy portfolio. The plant is proposed to utilize 100 Tonnes per day of dung to produce biogas, which can be utilized as automotive fuel. The project is proposed to be commissioned in a year's time.

The project's ground breaking ceremony took place at Shree Godham Mahatirth Pathmeda Lok Punyarth Nyas, Village Pathmeda, Tehsil Sanchore District Jalore in Rajasthan which was attended by ED - Bio-fuel & Renewables, Shri Shuvendu



Gupta and Senior officials from HPCL. The project is being developed under GOBAR - Dhan scheme launched by Government of India in Apr'18 as a part of the Biodegradable

Waste Management component under Swachh Bharat Mission (Grameen) to positively impact cleanliness and generate wealth and energy from cattle and organic waste.



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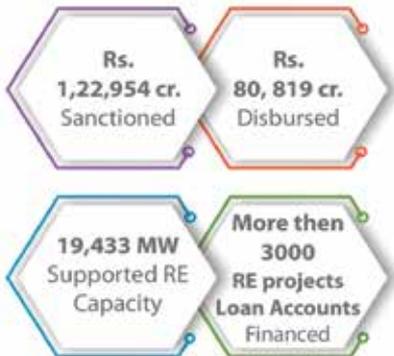
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