



KALEIDO SCOPE

STANDING CONFERENCE OF PUBLIC ENTERPRISES



SCOPE organizes

*Sharing
is Caring*Dialogue on Emotional
Strengthening



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 30.6 Million Tonnes of lignite Per Annum and generating 4640 MW of Thermal power including its subsidiaries. NLCIL has big dreams to become a 21000+ MW company by 2025. It has plans to enhance its lignite and coal mining capacity to 121.15 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 4251 MW of renewable energy projects in Tamilnadu and various states. Presently, the Company has a total renewable energy capacity of 1421.06 MW which includes 1370.06 MW of Solar Power Plants and 51 MW Wind Power Plant.

Renewable Energy Projects under operation and consideration

- * NLCIL is the first CPSE to cross 1 GW capacity in solar power generation.
- * 141.06 MW Solar Power Projects (SPP) including Roof top solar project at Neyveli at a cost of Rs.782.24 crore.
- * 1209 MW Solar Power Projects at a cost of Rs. 5343 crore 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 at Rs.1.16 crore.
- * 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.
- * 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.
- * A 10 MW Solar Power Project in Neyveli, under Mini Smart City Scheme is on the anvil.
- * 51 MW (34 x 1.5 MW) Wind Power Project at Tirunelveli District in Tamilnadu at a cost of Rs.347.14 crore.
- * The company has also planned to install wind power project of 200 MW in other parts of Tamilnadu.



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Total Pages : 72

Annual Subscription: Rs. 500/-

Price per copy : Rs. 50/-

(Payment may be sent by DD/Cheque drawn in favour of
“Standing Conference of Public Enterprises”)

Material published in KALEIDOSCOPE may be reproduced
with prior permission of the Editor and with acknowledgment
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articles are that of the authors and not necessarily of SCOPE
Management. - Editor

Published and printed at New Delhi by
Shubh Ratna on behalf of Standing Conference of Public
Enterprises, Core 8, 1st Floor, SCOPE Complex, 7 Lodhi Road,
New Delhi-110003 • Tel.: 24361495, Fax: 24361371
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Designed by Akar Advertising & Marketing (P) Ltd.
Tel: 011-43700100

Message by CHAIRPERSON



On this momentous occasion of KALEIDOSCOPE completing 40 years, I would like to begin by congratulating the SCOPE collective and thanking the Public Sector fraternity for their continuous support. It is due to their enthusiasm and participation that our monthly journal has reached this milestone and I hope this association enables us to undertake new and innovative projects.

As the number of new COVID cases is showing a declining trend, things are gradually returning to normalcy with the efforts that are underway to ensure the safety of all citizens. PSEs are enthusiastically participating in Government's efforts to fight the pandemic while also helping in sustaining the economy by maintaining production by establishing appropriate COVID related protocols for the safety of the workforce to ensure minimum risk.

Many PSEs have converted their captive hospitals as COVID Care Facilities and have also participated in the effort to augment oxygen beds through development of Jumbo COVID Facilities near existing plants. Further, PSEs have also provided support in the form of Ambulances, Ventilators, Oxygen Concentrators and Cylinders to Medical Institutions.

Over the past few months, PSEs have toiled round the clock to produce Liquid Medical Oxygen (LMO) for making it available across the country.

PSEs have also been at the forefront in augmenting Oxygen facilities with the setting up of many Pressure Swing Adsorption (PSA) medical oxygen generation plants and procuring special oxygen tankers to boost transportation efforts.

Recently, Hon'ble Prime Minister also applauded the spirit and dedication of our countrymen to overcome the surge in the requirement of oxygen by coming together for a manifold increase in production of LMO.

To ensure the well-being of the work force, PSEs are conducting mass vaccination drives for employees, their families and even those connected in the operations process.

As the country recovers from the second wave of the pandemic the PSEs continue to serve the nation with grit and dedication. SCOPE, as the apex organization of PSEs, is continuously working to showcase the vast and far-reaching efforts through its social media platforms and monthly magazine to propagate their unwavering commitment to the country.

At the ILO's upcoming 109th Session of International Labour Conference (ILC), SCOPE will be representing PSEs as part of the tripartite delegation led by Hon'ble Minister of Labour and Employment, India. The Conference deliberates on universally applicable labour/social legislations and adopts recommendations for incorporation and implementation.

SCOPE has been and will continue to organize unique, interactive sessions with country's renowned medical professionals for the benefit of PSE employees and their families as an attempt for helping our members navigate through these difficult times. I hope we will all enthusiastically participate in & support these programs.

A handwritten signature in black ink, appearing to read "Soma Mondal".

Soma Mondal
Chairperson, SCOPE



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 9th January 2004.

WHY SFCA?

Empanelment of more than 400 Arbitrators/ Conciliators

- Retired Judges of Supreme Court, High Courts,
- Retd. Secretaries, Joint Secretaries of Government of India
- Chief Executives, Directors and senior officials of PSEs
- Professionals including Advocates, Chartered Accountants.

Complete services for conducting Arbitration

- A dedicated Forum administering, overseeing and conducting arbitration and conciliation proceedings.

Cost effective and timely dispute settlement

- Settling disputes between PSEs and their associates within shortest possible time at more economical and cheaper cost in comparison to other institutions.

Dedicated Infrastructure

- Exclusive Arbitration Hall having sitting capacity of 15 persons.
- Facility of provision of halls with higher capacity in SCOPE Convention Centre at SCOPE Complex, Lodhi Road and SCOPE Minar, Laxmi Nagar, New Delhi.

Facilities and provisions

- Provision of modern equipments and facilities such as projector for live streaming of proceedings on a large screen, stationery etc.
- Complementary service of mineral water, tea/coffee with arrangements for high tea on request of parties.

Capacity Building

- Executive development programmes and workshops on various aspects of Alternate Dispute Resolution process (ADR).
- Annual National Seminar on various aspects of Arbitration and Conciliation.



For any queries relating to SFCA, you may contact

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

Director General's Desk



KALEIDOSCOPE

Public Sector's chronicle for 4 decades (1981-2021)

An idea that stemmed out of SCOPE's endeavour to represent Public Sector Enterprises (PSEs) across various stakeholders has today become an inimitable part of SCOPE's identity. As your magazine KALEIDOSCOPE celebrates its 40 years run, this feat would not have been possible without the incessant support and contribution of PSEs. So, I would like to thank the Public Sector fraternity, our readers, writers and aficionados who over the years have helped us develop KALEIDOSCOPE into a referral point for the latest about PSEs in India and topics most pertinent to them.

KALEIDOSCOPE conceptualized as a monthly newsletter in June 1981, was a brainchild of SCOPE to maintain the flow of communication from SCOPE to its members, intellectuals, policy makers as there was no dedicated publication that would showcase the story of PSEs, their dedication and commitment, especially from the inside or as they say, through the horse's mouth. It is also momentous to note that no matter the circumstances or challenges, over the past 40 years, KALEIDOSCOPE has never missed out a single issue. We have always been in print.

It has been the fortune of KALEIDOSCOPE to be on this exhilarating journey of the nation and Public Sector interpreting their story nonstop and scrupulously. Featuring articles and write-ups from experts, policy makers, significant personalities and some of the most revered names in various fields, the magazine has been bringing relevant information to its readers, accepting changes and transcending itself with the changing times.

The first Issue of KALEIDOSCOPE Magazine Published in June 1981

October 1981 Issue of KALEIDOSCOPE announcing Laying of Foundation Stone of SCOPE Office Complex

August 1989 announcing opening of SCOPE Complex – A Modern Building with unique features

40th anniversary or the Ruby anniversary of the magazine makes us look back and reminisce the fact that not only have we come a long way, we have continuously re-invented ourselves to come out with issues that are most befitting to the taste of our readers. But there is a long road ahead of us, and our best is yet to come. What has invigorated the spirit of KALEIDOSCOPE is the realization that even amidst the new era of social media and several new mediums of communication, the magazine has survived and thrived.

As we have been part of the country's changing economic scenario, the tremendous change in the world of communication, the 24x7 life cycle of news and most recently the worst pandemic of our times, our endeavour has been to remain a tell-a-tale of PSEs. Infact, our recent representation of PSEs's unwavering support to the nation during both the first and second wave of COVID was not only about highlighting their role in the country, but a salute to their 'never-to-die' spirit in the worst of times.

Changing with times is the key...

Tiding through the pandemic in April 2020, SCOPE added a new dimension to its magazine, by bringing out digital versions with the idea to keep representing PSEs at a time when they were on Nation's call of duty and fortunately our novice idea garnered an overwhelming response from our readers. As for our team, it was a moment of immense pride and honour to represent efforts of PSEs in rebuilding the nation.

Time and again KALEIDOSCOPE special issues have been brought out on topics most relevant with encouraging messages and words from dignitaries such as the Hon'ble President, Vice President, Prime Minister, Ministers and Secretaries that have only fortified our belief in representing the story of the PSEs, by the PSEs and for the PSEs.

For us KALEIDOSCOPE is representation of the fact that nothing becomes irrelevant with the changing times, if we are adaptive to the changing





palates of our reader's taste. We stand true to our belief that the only thing that doesn't change, is change itself. Therefore, SCOPE will continue to represent and bring to light all the endeavors of PSEs as it has been doing and KALIEDOSCOPE will continue to cater to changing demands of its readers. I request your continued support and feedback. To read our latest issues, you may log on to our official website www.scopeonline.in.

Thank you and Happy reading!

Atul Sobe

Director General, SCOPE

Programmes & Initiatives launched (since last issue of KALEIDOSCOPE)

SCOPE Series on PSEs Initiatives during COVID's Second Wave

SCOPE with Famhealth organized 'Sharing is Caring- A Dialogue on Emotional Strengthening Real life experiences' with renowned psychiatrist, Dr. Nimesh G. Desai, Director, IHBAS, New Delhi- **22nd May, 2021**

SCOPE & Famhealth webinar - 3M (Mindfulness, Meditation & Medication) COVID Protocol: Today & Tomorrow (Myths and Realities) – **6th June, 2021**

SCOPE with GIZ, Germany observes World Environment Day- **5th June, 2021**

Programmes & Initiatives in offing

SCOPE Celebrates Yoga Day – **21st June, 2021**

SCOPE - CCL Research on Developing Future Fluent Leaders in PSEs

Joint publication of SCOPE & GIZ, Germany - Low Carbon and Climate Resilient Pathways for PSEs - Training and Capacity Needs Assessment

SCOPE-ILO Study on 'Empowering Women in Public Sector Enterprises' Adoption of Work from Home (WfH) Model"

SCOPE organizes 'Sharing is Caring' - A Dialogue on Emotional Strengthening



(From L to R) Mr. R. K. Sinha, Director (Personnel), CWC & Member, SCOPE Executive Board; Dr. Nimesh G. Desai, Director, IHBAS; Mr. Atul Sobti, Director General, SCOPE; Ms. Vrishali Puranik, Famhealth; Ms. B. K. Sokhey, Director (Finance), NBCC & Member, SCOPE Executive Board along with other participants during the Webinar.

Managing emotional contagion amidst the ongoing pandemic has given rise to the need to talk and be heard like never before. Deciphering this, Standing Conference of Public Enterprises (SCOPE) with Famhealth organized 'Sharing is Caring- A Dialogue on Emotional Strengthening - Real life experiences' with renowned psychiatrist, Dr. Nimesh G. Desai, Director, IHBAS, New Delhi on 22nd May, 2021. Mr. Atul Sobti, Director General, SCOPE and Ms. B. K. Sokhey, Director (Finance), NBCC also addressed the webinar while Mr. R.K. Sinha, Director (Personnel), CWC and

members of Public Sector fraternity shared their personal experiences. Nearly 850 participants with their families joined the emotional tete-a-tete through SCOPE's various platforms.

Dr. Nimesh G. Desai articulated the need to instill hope, channel positive thoughts and filter the content we consume, to retain mental wellness. Guiding the participants, he motivated them to let go off their fear, anxiety, survivor's guilt and look forward to a brighter tomorrow.

Mr. Atul Sobti stated that as the second wave has had a cascading impact, with no one being

unaffected, PSEs have stood firm, strong, continuing to offer unwavering support. He added that SCOPE will continue to create such conducive opportunities for mental well-being of PSE fraternity and their families.

The dialogue between Dr. Desai and individuals gave participants a glimpse into the real-life experiences of individuals and motivated everyone to rise above the crisis.

Ms. B. K. Sokhey commanding the spirit of those sharing their experiences said it was time to stay strong and surround ourselves with only positive thoughts. ■



DG, SCOPE represent PSEs at 109th International Labour Conference

The International Labour Organisation (ILO), Geneva is organizing the first part of the 109th Session of International Labour Conference (ILC) virtually from 3rd June to 19th June, 2021. An Indian tripartite delegation comprising of Employers, Workers and Government representatives led by Mr. Santosh Gangwar, Hon'ble Minister of Labour and Employment (MoLE) are participating in the conference. The second part of the Session will be held from 25th November to 11th December, 2021.

As per the composition of tripartite delegation, approved by MoLE, DG, SCOPE as a member of the delegation represents Public Sector Employers in the prestigious Conference. The Conference deliberates on labour/social legislations universally applicable and adopts convention/recommendations for



Mr. Atul Sobti, DG, SCOPE representing PSEs employers during the preparatory meetings of International Employers under the aegis of International Organisation of Employers (IOE).

incorporation and implementation of its provisions in the legislation formulated in the respective countries.

DG, SCOPE represented PSEs at the briefing meeting under Chairmanship of Mr. Apurva Chandra, Secretary (L&E) with

Indian tripartite delegation for ILC, during the Employers' Group COVID-19 Response Committee meeting led by IOE Spokesperson, Ms. Renate Hornung Draus and preparatory meetings of International Employers for ILC from 20th May onwards. ■



DG, SCOPE at briefing meeting under chairmanship of Secretary (L&E) with Indian tripartite delegation for International Labour Conference (ILC) 2021.

Comments/Feedback Received for SCOPE Webinar on 'Sharing is Caring - A dialogue on emotional strengthening - real life experiences' with Dr. Nimesh G. Desai

Recording of SCOPE Webinars are available on SCOPE Website : www.scopeonline.in

Yes, the interaction "sharing is caring" motivated me to think positively even in a worse situation. Thank you for arranging the programme and hope in future also you will arrange such programme which will benefit the society.

Excellent opportunity. Very well conducted. Thx. Do keep informing for such opportunities.

Thanks for arranging informative session.

Thanks to SCOPE for very well organized, informative program.

Very unique program

Thanks for program, it need to be more on solution mode how to be calm and tackle trauma with positive mind keeping strong will power.

Thanks for the program

Thanks to the SCOPE and Dr. Nimesh G Desai and other panelists. It's good and educative programme

It has been very good and fruitful program. It has been pleasure to attend it. We are thankful to SCOPE for giving us this beautiful program.

Thanks to SCOPE team and all panelists.

Thanks a lot to the whole team for organizing such an amazing programme. Every speakers were just fabulous. Jai Hind.

Thanks so much Sir for making me part of this excellent webinar. Today's program was wonderful.... thanks for motivating us.... it's tough time sir.

Dr. Balbir Talwar, GM (HR), BHEL

Sir: Thank you for giving us an honest session, an emotional roller coaster ride. Dhuney's poignant rendering of his grief rocked everyone's core beliefs. For some, life has come full circle in a week's time. Sharing is all we can do in these times. Thank you once again. It was the first time that we saw free flow of emotions and ideas. It was like watching an engrossing movie, or a tense debate on a news channel.

DG Atul Sobti Sir Thanks for the opportunity given today for sharing my COVID exp. I am getting huge positive response from WIPS friends.Excellent program sir! My salute to you for your continued endeavour to conduct relevant & highest standard programs.

Mrs. Anju Gupta, GM, MMTC

Doctor Desai also was so humane as to allow everybody to purge their emotions. It was like half a therapy for the panelists.

Excellent opportunity. Very well conducted. Thx. Do keep informing for such opportunities.

Thank you for arranging the programme and hope in future also you will arrange such programme which will benefit the society.

The programme was very fulfilling and motivating during the present situation.

Sir, the entire programme has been thought provoking and informative. Please in future also I would like to attend such programmes. Thanks a lot.

Very good initiative by SCOPE.

Spectacular meeting

Excellent Sharing

Today program was wonderful....thanks for motivating us....it's tough time sir.

SCOPE Video encapsulating PSEs at Service of the Nation (SCOPE Series on PSEs Initiatives during COVID's Second Wave)



As the second wave of the pandemic has had an aggressive impact on the nation, hitting harder home and impacting every second family in the country, Public Sector Enterprises sprung into action with even greater commitment. Ramping up support at the behest of the nation, PSEs augmented oxygen supply, strengthened medical infrastructure of the country by creating well equipped COVID



care centers and extending hospitals facilities to serve the nation, reaching out to far flung regions and inoculating employees and their family members. Besides, PSEs have also extended their support to the

needy with food and shelter.

Showcasing their efforts SCOPE has taken out series of tweets on its handle @PSUSCOPE highlight the initiatives undertaken by PSEs. The first video offered glimpses of PSEs ramping up their efforts, augmenting oxygen supply, supporting medical infrastructure, mass vaccinations, serving needy and migrants –overall showcasing their extensive support to the nation. ■

Enabling an Energy Efficient India!

Ensuring energy efficiency and improved indoor air quality



Super-Efficient Air Conditioning (SEAC) Programme

- Offering 1.5 TR split inverter AC with eco-friendly refrigerants
- At least 20% cheaper than market cost
- Up to 35% savings on annual electricity bill

Retrofit of Air-conditioning to improve Indoor air quality for Safety and Efficiency (RAISE)

- Energy Efficiency in air conditioning systems with adequate ventilation
- Controlled contaminant and pathogens
- Maintaining comfortable temperature and humidity levels



These initiatives will collectively help in



Enhanced Energy Efficiency



Improving Indoor-Air Quality



Reduction in Carbon Emissions

POWERGRID's Initiatives for COVID -19



Power Grid Corporation of India Limited (POWERGRID), a 'Maharatna' Company under Ministry of Power, Government of India has actively taken up various initiatives for extending timely help to its employees in all its offices across the country.

Vaccination is the most crucial weapon to fight this pandemic and to prevent the virus. In this line, POWERGRID is organizing vaccination camps for its employees and their family members across all its establishments in India be it the Corporate Centre in Gurgaon, all offices including Regional Headquarters and the Sub-stations located in remote parts of the country. The cost for vaccinating the staff and their families is being borne by the Company. The vaccine camps are being organized for both age groups 18 – 45 and more than 45 years regularly for providing the first and second doses of vaccines. This facility has been extended by the POWERGRID to its superannuated employees, contractual employees and their families also. Besides, the vaccination camps were also organized for employees from Ministry of Power, Power PSUs. The vaccination drives are receiving an



overwhelming response.

POWERGRID is providing complimentary meal service to all the affected employees and their families. The same practice is also being followed at the Regional Headquarters and other establishments of POWERGRID.

POWERGRID has increased the capacity of its isolation center in sector 46 which it had set up amidst the pandemic in 2020. A new isolation center at PAL Manesar has also been set up which is available to the superannuated employees and their families. The isolation center in Manesar has a capacity of 50 beds and separate facility of beds for those who require to be quarantined. Resident doctors, nurses and paramedics have

also been arranged at the isolation center, while consultation with senior doctors is available online. Oxygen concentrators and cylinders, medicines for treating COVID have also been arranged. The Company has tied up with providers of pathological services and scans so that there is no delay in treating the affected. Ambulance service is also kept on standby for ferrying the sick. The isolation centers are well furnished and patients are being provided with meals free of cost. Such set-up has been replicated in the offices of POWERGRID across India.

Under its CSR, POWERGRID had handed over nine ICU Ventilators to the tune of Rs. 1,14,30,000/- to the Dean, Government Medical

College, Chandrapur. These ICU ventilators are being used to treat the patients during the ongoing pandemic. Further Masks and Sanitizers are being distributed to the administration in various states including Orissa where 5000 Masks & 500 bottles of hand sanitizers were handed over to ADM Angul for protection and prevention of COVID-19. Understanding the importance of ambulances in the present pandemic, POWERGRID handed over an ambulance to Vadodara Municipal Corporation to take care of COVID-19 affected patients.

Dedicated teams have been constituted by the Human Resource Departments across the regions for helping the staff and their families who are unfortunately suffering from the pandemic. The team is working 24x7 for helping the staff and their family in getting hospital admission, arranging oxygen and



medicines etc. The details of these services are being provided to the employees through the centralized helpline numbers which have been shared on intranet of all regional headquarters and the intranet websites of all other establishments. The Corporate Communications Department is working towards making the employees aware and informing them about it. ■

common masses aware about COVID-19 protocols and appropriate behaviour. Government of India initiatives are also being highlighted through creative video, templates and other motivational creations. These are helping in making the employees aware and informing them about it. ■

Need for Strengthening of Primary Care Medical Treatment

A Necessity for Universal Health Coverage & Vaccination in India in the Wake of 2nd Wave of Pandemic in India



B. K. Sahu*

In good old days in a traditional society like ours, the family doctor used to be first point of contact. In case of any illness, neighborhood doctor was the consulting point in treating not only the illness as such but also he used to perform the role of family adviser/counselor. Another significant aspect of this family doctor concept was his clinical examination through use of bare hand and at best stethoscope hanging from his neck. The confidence of the whole family was on such family doctor that he would bring miracle even of chronic illness as far as treatment is concerned. This is to be seen in the context of lack of corporate hospitals and multi discipline clinical centers as freely available now and importantly equipments oriented treatment of today to that of clinical examination of the patient.

It is necessary to emphasize as to why such primary care oriented system is emerging as most important health care institution in this globalized world, particularly during COVID-19 Pandemic Challenge being faced by Countries like India due to the

following reasons:-

- Medical science definitely believes that tertiary care procedure would be prevented by timely primary care.
 - Almost 80% of our patients/beneficiaries in a social security concept visit such family doctor in the form of dispensary or medical practitioner or primary health care centre whatever you may call. This is also a fact almost 80% of our routine problems are effectively treated or managed by so called general practitioners or family physicians.
 - Another important reason for increasing emphasis on primary health care is due to the fact that it integrates preventive, promotive, curative and rehabilitative aspect of health care. This may popularly be called '*All in One*' concept which is particularly to be seen in the context of our country where 76% of the population lives in rural areas having access to 26% of doctors' population.
 - Due to rising cost of medical care, emphasis is now on
- primary health care because health care indicators such as maternal mortality, infant mortality and life expectancy are better in European countries because of strong primary care set-up unlike the U.S. where focus is more on tertiary care.
- In a run up to high ended treatment entailing costly expenditure, it is primary health care detection which will not only reduce demand on limited resources available for tertiary care treatment but will also definitely ensure affordable medical care with little improvisation and support in the form of availability of a Physician and Pediatrician in a small place of 600 to 1000 Sq.ft having nursing and diagnostic services. Such primary care clinic is not only cost effective both from infrastructure and human resources point of view but also satisfaction level as far as general public is concerned. We may also go for mobile clinic with a general practitioner and minimum Nursing/Para-medical staff having commonly used drugs, dressing and which can

* B. K. Sahu, Former Insurance Commissioner ESIC, MoLE, now Director @ Indo German Focal Point India (IGFP) - Prevention & Social Security.

take instant blood sugar and ECG tests. With a fixed cost of 20 lakh and Rs. 2 lakhs of running cost (an estimated figures taking cost of Van, equipments, salary, medicines and fuel cost etc.). This will not only be accessible to all rural areas hitherto remaining untouched due to non-availability of Doctor and staff but also make economic sense. This will also act as buffer to nearest city/district hospital both of Government and Corporate level.

- With 2nd Wave & Possible 3rd Wave of COVID-19 confronting badly Medical Infrastructure in Big Cities of India- Lack of Beds/Oxygen & Medicines etc. the most single Measure Govt. of India along with State Govts can take on Top Priority-By Establishing New/Strengthening Existing Primary Care Health Centre/ Dispensary in Each Village & Each Cluster of Urban Areas. By utilizing School Building/ Panchayat Office/Club or religious Area in each Villlage/ Urban Centre, we can have a Primary Care Centre with the support of Asha/Aganwadi Worker & Teacher/Religious Head as Coordinator to provide Basic Healthcare Tretment/ COVID-19 Guidelines oriented First Treatment for which they may be exposed to "Short Training Program on Basic Healthcare Treatment with Focus on COVID-19 Appropriate Behaviour/ Counselling etc.".
- The Above Model "Primary Care Dispensary/Wellness Centre" besides providing Minimum Medical care & Councelling Talk on Mask/

Social Distansing & Cleanliness will greatly take care maximum Load involving requirement for Hospital Treatment & reducing Pressure on Secondary/ Tertiary Treatment. Here let us remember UK System of Medicare Care & near home- Ganjam, Odisha Model involving COVID-19 Management.

This orientation towards primary care may be responsible for success of health care in the countries like Malaysia, Thailand and China having concept of '*Barefoot Doctor*' and to provide universal health coverage. Since Planning Commission and Health Ministry are now in search for an answer to extend universal health care, to me, this arrangement of primary health care concept which is also a success in UK health care system is the answer to ensure affordable and reachable services to crores of population in our country. This is also equally needed to be taken seriously for any social security oriented scheme like ESI and other private insurers so that beneficiaries not only get hassle-free treatment but also the rising cost of medical care is arrested towards utilization of limited resources for bring out new schemes for qualitative and quantitative growth of any social security scheme in the country.

In the context of recent country-wide strike by the major trade unions on February, 20 & 21 wherein one of the demands is social security for all workers, I would like to stress the importance of minimum standard of health care and cash compensation in the contingencies of illness, disablement, unemployment and death of workers. This

is achievable provided following measures are adopted:-

- Strengthening of primary care services as contained in this Article.
- Popularization of Indigenous System of Medicines (ISM).
- Greater emphasis on Public Private Partnership (PPP Module) with active participation of Local self Government bodies, NGOs, trade unions and corporate bodies.
- Use of Information Technology (IT) involving passing of bills, Inventory Management & delivery of services involving high ended expenditure.

Also in view of maximum contractualization of job works in organized sector and to avoid Maruti like unrest relevance of minimum social security as above is more important now for positive industrial environment in our country.

To strengthen our Fight against 2nd Wave of COVID-19, as broght out above, it is pertinent to stress here the urgent need of " Primary Care Oriented Dispensary/Wellness Centre in Each Village/Urban Area " by using Local Resources like Asha/ Anganwadi Workers/Religious/ School Teacher by providing Crash/Short Medical Training & by Providing Minimum Cash Compensation for each family who has lost livelihood due to Lockdown.

There is no dearth of funds in the country but dearth of Right Attitude to implement the proposals. By coming together of all will ensure Zero Tolerance to Infection & Accident @ Workplace & to Home/Society in our country. ■

The World of 3D Printing



Arpita Das

Manager - Operations
HPCL, SOD, East Zone

Waking up at 7am sharp, Neha was rushing through her daily chores; she has to catch her office bus by 8:15 am. In hurry, her mobile dropped on the floor and went blank. Now how can she manage her day without the so-called lifeline of the current age? Mobile Phone? She had to rush to a store nearby to her office and make an emergency purchase. Now it would have been cool if she had the manufacturing facility right at home and made it right away!

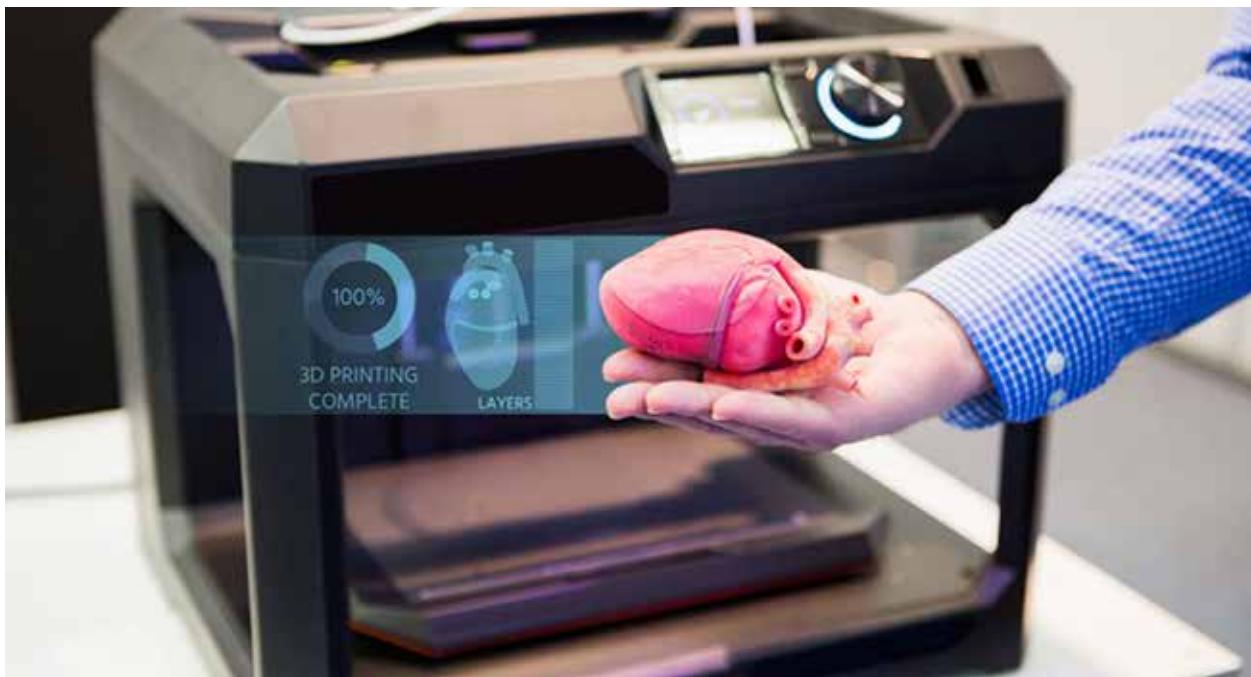
Sounds hypothetical? Well, it's not. With desktop 3D printer being more accessible than ever and materials being cheap and accessible to common people, it's not very far when you can have a desktop 3D printer right at your home just beside your conventional printer, and print materials required for your daily use customized to your requirement. The 3D printing era is already here and it holds enormous potential to change the way we look at our surrounding today. From daily use materials to electronics, clothes, healthcare instruments, human organs and even food can be 3D printed today!



3D printing has been the buzzword for a long. In the early 1980s 3D printing was mainly used for creating prototypes. Later in the decade, Chuck Hull invented 3D printing and soon the barrier between the digital and physical world started to fall off. The first 3D printer used to print physical objects using UV rays and liquid photopolymer. The printing process has evolved since then with additive printing or printing by depositing layer over layer (FDM technique) being the most common now.

After 2009, as patent for erstwhile 3D technologies started to expire – 3D printing became open source

and it triggered 3D printing revolution with many startups contributing to cutting edge innovations. Today desktop 3D printers are cheap and accessible to almost everybody. Printing materials range from wooden pulp to steel to even silver and gold, with most common one being different grades of plastic-based material. In coming years, in place of occupying space in our warehouse, instrument spares are going to stay in digital files on our hard disks. Whenever you require it, just print it from the digital file. No lead-time of manufacturing, no long transportation time and reduced carbon footprint.



Websites like 'Tinkercad', 'Thingiverse' give online platform to individual users for designing 3D files and access to a huge library of ready to use 3D prototype files of several useful objects. One can customize or build from scratch their own product. Online platforms like Voodoo manufacturing, Shapeways gives the power

to the customer to design their own product, choose from variety of printing materials available with these platforms, place order for printing their customized object and get it delivered right at their doorstep! Without the need for any manufacturing facility and with almost nil investment small scale businesses can start

their production by embracing 3D technology.

There are number of Hackerspaces available across the world, which is a nonprofit, community-driven workspace where like-minded people can share their ideas about 3D printing or can freelance in various 3D projects and gain hands-on experience. ■



Today's Women: Exploring and embracing their potential



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Dy. GM (Pers.-Policy,
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THDC India Limited



Kajal Parmar
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'Supporting women entrepreneurs is essential to stimulate growth since the entrepreneurial potential of women has not yet been fully exploited' as stated by European Commission Vice-President Antonio Tajani, Commissioner for Industry and Entrepreneurship 2010. In a recently documentary BBC also reported the challenges faced by women entrepreneurs in fund mobilization from largely male dominated contemporary corporate context. Even today pertinent issues such as the need of enhancement of Gender Justice and Equity at workplaces seem to be a work in progress.

In this contemporary era of rapid development in all sectors, women are emerging as the drivers of economic growth. Be it physicians, academicians, entrepreneurs, politicians, sportspersons or in Public Sector; women are playing their roles creditably. Hon'ble Finance Minister of India, Smt. Nirmala Sitharaman; Kiran Bedi, retired IPS; Hima Das, Indian athlete are few notable examples of women shinning on the pinnacle of success. The participation of women in various spheres is witnessing a transition from traditionalism to modernity. Miranda House, a reputed women's College of University of Delhi has planned to start a Short Term Course for its students helping them to be future

leaders. The course is expected to start from the coming academic session. The flagship initiative of बेटी बनाओ...बेटी पढ़ाओ... is a true testimony of commitment of Govt. of India towards this noble cause.

Being the torch bearers of the global transition, the roles and responsibilities of women in Public Sector Enterprises is increasingly shaping the dynamics of corporate sector in India. A recent research study conducted by the Bureau for Employers' Activities (ACT/EMP) of the International Labour Organization, in collaboration with Standing Conference of Public Enterprises (SCOPE) on women in leadership and management in Public Sector Undertakings (PSUs) in India, self-efficacy and confidence were found as most dominant factors by women employees for outshining in their respective fields. Further they also considered the number of opportunities provided by the organizations to them, which supports their career and professional growth as important determinants in their career progress.

The desired job inclination of women in Public Sector Enterprises has also changed in last few years. Few years back it was noted that there were less number of female candidates applying for the technical jobs

and for posts in remote locations. They tend to prefer office/desk jobs. But this trend appears to be transforming in the contemporary era. Women are now unhesitatingly applying and getting recruited in technical as well as offshore job locations.

Being the pioneers of nation, they play diversity of roles in the development of family, society and nation. But it is important to document that women employees usually face more challenges in their career growth than their counterparts. They often experience knowledge and skill gaps due to career breaks for maternity, child care and family responsibilities. But defying all the odds women are marching for equal rights and opportunities at workplace. They are contributing towards the growth of organizations with equal fierce as men.

In recent times specifically after the introduction of New Companies Act in 2013 wherein there is mandatory provision of at least 01 female Director on Board has brought significant changes in Indian Corporate Context and PSUs are no exceptions. Consequent upon this Indian PSUs have seen a significant rise in Board Level Executives and women employees reaching key management positions of ED/GM above. This has helped to enhance

gender justice in PSU sector which was traditionally considered a male bastion and also helped women to climb up corporate ladder and reach leadership positions.

The Maternity Benefit (Amendment) Act, 2017 makes it mandatory for the organizations with 10 or more employees, to provide 26 week paid maternity leave to female employees. A woman with more than two surviving children can claim leave up to 12 weeks during pre or postnatal and in case of adoption too women are entitled 12 week leave from the day mother receives the child. In case of medical issues like abortion or miscarriage, this law provides relief to women employees by allowing them to take 6 week leave after the procedure. Further this law also allows women employees to avail the "Work From Home" provision after the expiry of 26 week leave depending upon the nature of their work. The bill has also made crèche facility mandatory for the organizations with 50 or more employees.

The employers thus need to educate their female workforce about the various provisions of the laws and how to avail the benefits. Under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 the employers need to set up Internal Complaints Committee with one half of the total members should be women to address the complaints by women employees and protect their rights.

THDC India Limited has always considered women empowerment as its priority. It has set up a 5 women member Internal Complaints Committee at Rishikesh (Khurja, Pipalkoti, NCR) and 6 member (5 Women and 1 male) committee at Tehri (Koteshwar) to provide assistance to any complaint by female employee in the organization and to maintain safe and caring

Women Employment in CPSEs									
	Total Employees			Total female Employees			Female Employees as % of Total		
	2016 - 17	2017-18	2018 - 19	2016 - 17	2017 - 18	2018 - 19	2016 - 17	2017 - 18	2018 - 19
Managerial/ Executives	264648	265543	269135	28631	25931	27026	10.82	9.77	10.04
Supervisors	104404	108622	106123	10308	7706	6720	9.87	7.09	6.33
Workers	760209	712563	655791	76299	62968	53921	10.04	8.84	8.22
Total	1129261	1086728	1031049	115238	96605	87667	10.2	8.89	8.50

Data Source: Public Enterprises Survey 2018-19 Vol - I.

environment for them. To encourage female employees during their maternal and child care period THDCIL has a functional crèche facility at Rishikesh. There are in-house forums like THDC Ladies Welfare Association and महिला मंड़ल दल to ensure the contribution of women power in overall wellness and progress.

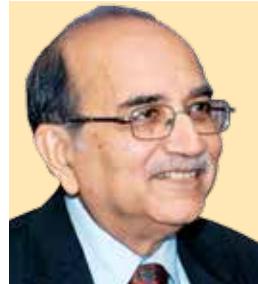
There are number of organizations and forums encouraging and supporting women in Public Sector and Private Sector as well. Forum of Women in Public Sectors (WIPS) an apex body of women under the aegis of Standing Conference of Public Enterprises (SCOPE), Self Employed Women's Association (SEWA), Confederation of Women Entrepreneurs (COWE) in non-government sector are some of the bodies along with women centric branches of professional organizations like, Associated Chambers of Commerce and Industry of India (ASSOCHAM), Federation of Indian Chambers of Commerce and Industry of India (FICCI) and many more providing and sponsoring various women centric trainings, support activities, counselling services for the advancement of their career and lives. It is to mention that THDCIL is a life time member of WIPS and has also constituted WIPS committee.

As per the Public Enterprises Survey 2018-2019 by the department of Public Enterprises, women contributes 8.5% of the total workforce

employed in Central Public Sector Enterprises (CPSEs). The survey depicts that the number of women employees in CPSEs on Managerial/ Executive positions has increased from 9.77% in 2017- 2018 to 10.04% in 2018-2019. But the female staff in Supervisory and Worker positions has declined from 7.09% and 8.84% in 2017- 2018 to 6.33% and 8.22% in 2018- 2019. In THDC India Limited, women workforce contributes approximately 6.05% of the total human capital of 1835 personnel as on 31.03.2020.

But the pace with which women are excelling in their respective spheres, this percentage will surely rise with significant numbers in coming future. The Finance Ministry being led by a woman itself has played a significant role to empower the inclusion of women in key sectors of India. Tax rebates, maternity leave benefits, safety measures and women-centric laws are some corroborative steps by the government to increase women workforce. Thus, equal access of resources and opportunities to both women and men in public and private spheres can facilitate towards parity, progress and sustainable economic growth of the nation. Social Media is also playing a prudent role in optimistic projection of issues related to Gender Justice and Equality. The recent online trends #ChoosetoChallenge, #internationalwomensday etc. are also instrumental in stakeholders' sensitization. ■

Rescuing Families of COVID Ravaged Employees



Dr. Rajen Mehrotra*

When the first wave of COVID-19 hit the country a year ago, the Government of India imposed a unilateral nationwide lockdown in phases, from 25th March, 2020 up to 31st May, 2020. Some concessions were made by the Ministry of Home Affairs (MHA), Government of India under the Disaster Management Act, 2005, to operations of certain select enterprises and businesses as well as to movement of goods and people, regarded as essential. Similarly, during the lockdown period starting from 03rd May 2020, State Governments also offered some relaxations to enterprises and businesses located in geographical areas identified as non-containment zones. Besides, organizations themselves tried to make up for the loss in revenue and profit incurred during the first quarter of 2020-21 by improving performance in the subsequent three quarters through adoption of newer strategies, particularly in locations where the nationwide lockdown was not

fully in force.

The new variant of COVID-19, known as the second wave, was first spotted in some parts of the country in January 2021. But before long byend March 2021, the new variant had spread to several other parts of India. But this time around, no nationwide lockdown was declared by the Central Government. It was left to the State Governments and the Union Territories to decide on the steps to contain the spread of the virus. The State Governments drew up the guidelines with regard to business operations, functioning of offices and movement of people. As can be expected, the measures adopted by the State Governments differed widely from one state to another, although the focus remained on controlling the spread of the pandemic and on minimizing the damage to the country's economy.

Events in March-April 2021

Certain pre-planned events during March-April 2021, which

tended to attract huge crowds, appear to have made matters worse. Assembly elections in some states and panchayats of the country had been decided months in advance and the process had already been set in motion. As a result, possibly the event could not be rescheduled. Likewise, certain religious celebrations were also held in some Northern states in accordance with the age-old routine. These events have most likely contributed to the spread of the virus, infecting numerous persons in an accelerated fashion, though in some quarters the opinion differs. Also, it could be seen that people were not adhering to the protocols prescribed for preventing the spread of the pandemic.

From mid-April 2021, quite a few states clamped night curfew and put restrictions on operations of certain businesses. They placed limits on the number of persons allowed to be present for functions. Some states even enforced strict lockdowns to control the spread of the virus. There is no

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**Based on a virtual talk delivered by the author at "IR Conclave 2021" on 21st April 2021 organized by Mahratta Chamber of Commerce, Industries and Agriculture (MCCIA), Pune.

way as yet to predict when the environment will become safe once again and free from the pandemic. When can we go back to our pre-COVID-19 lifestyle? Or, as it is being feared, will we have to endure a third wave of the virus? Time alone will provide the answer.

Employment Situation

The latest report of the Centre for Monitoring Indian Economy (CMIE) reveals that in 2020-21 salaried jobs across India registered a sharp decline, to the tune of 9.8 million. India had a total of 85.9 million salaried jobs in 2019-20 which, by the end of March 2021 had come down to 76.2 million. Workers in the informal sector have been seriously affected with regard to their earnings.

During the first phase of the pandemic, a large number of the migrant laborers in the informal sector chose to return back to their villages and home towns, using whatever modes of transport were available. In not a few cases, the journey back home proved to be fatal especially for those who had ventured to walk overnational highways or along the railway tracks. A vast majority of the migrant laborers who had moved out during the first phase have since returned to their places of work. However, some of those who have chosen to go back home again during this second phase of the pandemic are unlikely to return. They may decide to stay back permanently in their native places.

Steps Taken by Enterprises

The pandemic has affected the industries and the businesses in

varying degrees. The intensity of the impact seems to depend on the following factors:

- sector in which it operates
- cash liquidity
- profitability
- location (zone)/(containment area) and
- the composition of the workforce

Most organizations have devised their own strategy to overcome the crisis created by the pandemic with regard to the company's finance, operations, markets, supply chain and personnel. Many have also availed of the fiscal benefits offered by the Government. The first priority has been to keep the business afloat and find ways to save the business in every phase of the pandemic. Thus, we find organizations which have succeeded in tidying over the crisis and continuing to maintain the same levels of employment. The remuneration packages too remain the same and, in some cases, have even been enhanced. Whereas there are also organizations which have cut down their workforce and reduced the salaries of the retained employees, thus impacting their take home pay. In the meantime, a huge transformation has come about with regard to the way work is being carried out. Wherever possible, work from home or work from anywhere has been made an option. Indeed, this has become the new normal.

Even as we avail of the benefit of virtual communication, we are not to lose sight of the harsh reality the workforce in any organization today has to contend with. There are industries engaged

in manufacturing, in physical movement of goods and in essential services in the service sector where the employees and the contract laborers cannot work from home or work from anywhere. Their physical presence at the workplace is absolutely essential. Inevitably, these workers who are the front-line warriors for the organization, are exposed to the risks of contracting the virus during this continuing pandemic. They have to literally put their life on the line, however sound the precautions may be.

During the first wave of the pandemic in 2020-21, the major concern of the organizations as well as of the employees and the contract laborers engaged in the operations was to create a secure work environment and safe commuting arrangements for all those required to be present at the work sites. This was largely achieved by following the specified safety protocols prescribed to prevent the spread of COVID-19.

The pandemic in the country is now more than a year old. Yet the majority of the workforce, both employees and the contract laborers, have not been inoculated. Though various agencies in the country are putting in all their efforts to speed up the process, inoculating the entire workforce is likely to take a very long time, considering the pace at which the operation is moving.

There are industries in states where lockdown has been declared and the state government has permitted the industry to operate, as the goods produced or services provided are essential and necessary for the economy. However, some of these enterprises are finding it extremely tough

to operate, as a large number of permanent workers are choosing to remain absent which is resulting in shortage of workforce to run the facility. The trade unions also need to partner in convincing the workforce, that the economy cannot be brought to a grinding halt at the same time safety of the workforce is important.

On the positive side, there are quite a few companies which provide medicines to their employees to boost their immunity levels. More importantly, for those infected with COVID, whether employees or contract laborers, the organizations grant 14 days of (quarantine) paid leave and arrange medical assistance. This is good enough so long as the COVID affected employee survives the disease. But what if the disease proves to be fatal?

Death of an Employee due to COVID

According to the latest government statistical figures, the fatalities reported as a percentage of the persons infected by the virus stands at 1.2%. However, in absolute terms, the number are moving up every day as the rate of infection is ever on the rise. Naturally, fear has gripped most of the employees and the contract laborers who report to work at present. Even those who work from home or from anywhere for their livelihood are filled with anxiety about their future. Deaths of victims of COVID, which till sometimes ago were mere statistical data, have suddenly become a stark reality staring us at our face, when we hear of the demise, due to COVID-19, of a colleague

at work or of an employee in another organization or, worse, of someone in our own extended families.

As of now, all the persons working in the organized sector are statutorily covered under the Employees Deposit Linked Insurance (EDLI) Scheme, which is an insurance cover provided by the Employees Provident Fund Organization (EPFO). As per EDLI scheme, the registered nominee will receive a lump-sum amount in the event of the death of the person insured. The maximum assurance benefit is capped at Rs. Seven lakhs.

This pandemic will no doubt be regarded as the greatest disaster of this century just as the Spanish flu (1918-20) during the last century. COVID-19 has affected people of all ages and of all the strata of the society. Top management of organizations are not to be content with instituting safety measures at the work place. They need to strongly consider introducing schemes which will offer monetary compensation and/or insurance coverage in case of death, due to the pandemic, of any employee or contract laborer engaged by the company.

We have known of schemes announced by certain organizations to provide financial support to families of employees who have fallen victims to the pandemic. These schemes, by and large, entail a) disbursement of an employee's full salary or part salary for a period up to two to three years, b) assuming responsibility for the children's education up to graduation and c) medical

benefits such as coverage under a medical insurance. Certain State Governments have given financial compensation up to Rs. 50 Lakhs to the family of the police personnel who get infected with COVID-19 and died while performing duty. Some organizations have also introduced a scheme which provide for employment to one member of the bereaved family either immediately or at a later date. Such a gesture, though very laudatory, is no match to the magnitude of the loss incurred by a family which loses its sole bread earner. However, offer of employment serves as an invaluable help to the family to cope with the bereavement and to re-orient their lives.

Conclusion

These are just a few examples of the sort of welfare measures that organizations have introduced to assist families of employees who face an uncertain future following the death of the breadwinner due to the pandemic. These are, no doubt, very commendable initiatives. However, organizations need to consider offering similar benefits to the families of the contract laborers as well, some of whom may find themselves in far worse conditions if they were to lose their bread earner. The contract laborers are as much a workforce as the employees on the rolls of a company. They also deserve the company's full support to deal with a crisis of this kind. Accordingly, some suitable scheme needs to be worked out with the engagement of the contractors to provide at least assemblage of security to the contract workers and their families. ■

Yoga: A Miracle for Healthy Heart and World Peace



Dr. H. K. Chopra*

In Ayurveda, the exercises are recommended according to dosha dominance and it recommends exercise regularly seven days a week. These exercises are doshas specific, kapha type for example requires strenuous exercise and vata require least strenuous exercise and pitta fall somewhere in between. If you have large muscular body then kapha is your dominant dosha. If your muscular and physical development is more modest then you should put yourself in vata category, which requires light exercises. If you are in between then you should put yourself in pitta category. For kapha types running, weight training, aerobics, rowing and dance are appropriate. For vata types yoga aerobics light bicycling, walking, and wagging are excellent exercises. Too much exercise can turn vata out of balance. Pitta types of exercise is more vigorous such as jogging, running, hiking, mounting, climbing and swimming. Two excellent ayurvedic exercises that focus on breathing are known as Bhastrika Pranayama and Kapalabhati. In Bhastrika the abdominal muscles work like bellows. You have sit to straight up on floor or in the chair, your arm

should be parallel to your sides and bent upwards at the elbows, with your hands in the fists are approximately shoulder height. Then inhale and exhale a single deep breath through your nose then as you take another deep breath raise your arms straight up and as they reach full exertion open your fists and extend your fingers. Now quickly lower your arms back to the starting position while simultaneously exhaling through your nose. Keep your hands facing forward throughout this exercise. Continue for two or three sets of fifteen repetitions. Kapalabhati is another breathing exercise which is equivalent to jogging. A Kapalbhati exercise cleans metabolic wastes from the body. This exercise accelerates heart rate without requiring a great deal of exertion from the large muscle groups of the body, it is a particularly useful exercise for the people who aren't at the high level of physical conditioning required by conventional athletics. The technique consists of short, powerful exhalations, each followed by a passive inhalation. To begin, sit with your back straight, either on the floor or in a chair. Your shoulder should be back, and

your abdominal muscle should be free to move. Correct posture is extremely important in kapalabhati, because the abdominal muscles must be able to relax thoroughly when you inhale. Once your posture is established, begin breathing through your nose to establish a rhythm of deep, even breathes. Then, just when you're about to exhale, contract your stomach muscles quickly and powerfully, which will force air out through your nostrils. This exhalation should be as complete as possible in one short, powerful blast. When you are first learning this exercise, try to exhale approximately once per second. Then gradually increase the rate to twice per second, but don't try to go faster than that. You can also use in mantra to increase the benefit of exercise such as silently repeating the syllable "so" each time you inhale and then, repeat the syllable "hum" when you exhale. Remember that the best times to exercise are during kapha period from 6 am to 10 am or 6 pm to 10 pm.

Yoga

Yoga is derived from the word 'Yoke' which means union of body, mind, soul, spirit and environment. It is a way of life which endows

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**Next Part of this Article will be published in upcoming issue

perfect health thereby enhancing optimal integration of body, mind, soul, spirit and environment and thus enhancing physical, mental, social, spiritual and environment well-being. There are eight limbs of Yoga, which are:

- 1) Yama (Restraints or Do's and Don'ts), 2) Niyama (Self Discipline), 3) Asana (Postures), 4) Paranayama (Breathing exercise), 5) Pratiyahara (Contemplation), 6) Dharana (Concentration), 7) Dhyana (Meditation), 8) Samadhi (Transcend).



Sun Salutation

It includes a series of twelve flexion and extension exercises that integrate the mind, body, and breath. The Sun Salute lubricates the joints, conditions the spine, and strengthens every major muscles group in the body. It creates balance, stability, suppleness and flexibility.

General Guidelines for the Sun Salutation

- When you do the Sun Salute, allow a half-hour before a meal and three hours after a meal. If you practice other meditation programs or yoga postures, the Sun Salute can be performed before them.
- One cycle of the Sun Salute, consisting of twelve postures, is described below. Start with as many cycles as is comfortable, and gradually increase to a maximum of twelve. Do not strain. If you start to breath heavily or

begin perspiring, lie down and rest for a minute or two.

- Hold each position for about five seconds. The Eight Limbs Position (position 6) is the only exception, as it is held only one second.
- The Sun Salute uses a specific pattern of breathing-inhale or exhale-for each posture. You will be instructed to inhale during extension postures-because inhaling facilitates the extending and lengthening movements of the spine. You will be asked to exhale on the flexion postures, because this helps the body to fold, bend, and flex.
- You'll see that there are two Equestrian positions per cycle. Use the same knee forward during the same cycle. Switch to the opposite knee for the next cycle, and continue alternating with each new cycle. Always do an even number of cycles so that both sides of your body are exercised in a balanced way.
- Do not rush through the exercises; maximum valve comes from doing them slowly. Each cycle takes one to two minutes.
- After completing the final cycle, lie down on your back, arms at your sides, with palms facing upward, for two minutes. Just allow your attention to be easily on your body.
- Be careful not to strain by stretching too far. The drawings show the ideal performance of each pose, but you should stretch only as far as your body is comfortable. Over time, more flexibility will develop. You should definitely not feel pain or discomfort while doing these exercises. If even minimal performance of a particular posture causes discomfort, omit that posture. If you have

back problems, consult your physician before starting these exercises.

How to do one cycle of the Sun Salutation

1. **Salutation Position:** Start the Sun Salute with your feet parallel and your weight distributed evenly over your feet. Place your hands together, palms touching, at chest level. Breathe easily for about five seconds.
2. **Raised Arms Position:** As you inhale, lift your hands over your head, lengthening your spine easily in an extension posture.
3. **Hand to foot position:** As you exhale, bend your body for-

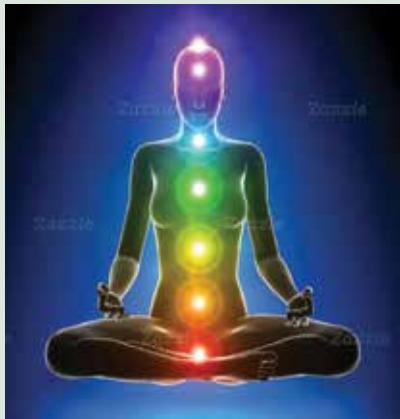


ward and down into a flexion posture. Allow your knees to bend.

4. **Equestrian position:** On the inhalation, extend your left leg back, knee to the ground. Allow your right leg to bend and your right foot to stay flat on lengthen upward.
5. **Mountain position:** As you exhale, place your right leg back, even with your left leg, pushing the buttocks up into a flexion posture. The body forms an even inverted V from your pelvis to your hands and from your pelvis to your heels.
6. **Eight limbs position:** Carefully drop both knees to the ground and allow your body to slide down at an angle, with your

chest and chin briefly on the ground. Hold this for a second and then move smoothly into the next position.

7. **Corba position:** As you inhale, lift your chest up and slightly



Yogic Practices energize all the Chakras (Energy Zones) of our body

forward while pressing down with your hands. Keep your elbows close to your body. Allow your spine to lift your head-do not start the movement with your head or lift your body with your neck.

8. **Mountain position:** While exhaling, raise your buttocks and hips in a flexion posture, the same as position 5.
9. **Equestrian position:** As you inhale, bring your right leg forward, between your hands, the same as position 4. Let your left leg extend backward, with the knee touching the ground. Your right knee will be bent

and your right foot flat on the floor.

10. **Hand to foot position:** Repeat position 3. As you exhale, bend your body forward and down, coming down into a flexion posture. Allow your knees to bend.

11. **Raised arms position:** Repeat position 2. As you inhale, lift your hands over your head, lengthening your spine easily in an extension posture.

12. **Salutation position:** Repeat position 1, ending the Sun Salute the same way you began, with your hands folded, palms together, in front of your chest. Breathe easily for about five seconds. Then begin the next cycle. (Position 12 becomes the first position for the second cycle; you can go directly into position 2 from here).

How to do Pranayama

This simple neuro-respiratory exercise, called Pranayama, creates balance throughout your body. It's ideal to do Pranayama after the neuro-muscular integration exercise and before meditation.

13. Sit easily and comfortable with your spine as straight as possible.
14. Close your eyes and rest your left hand on your knees or thighs. For this exercise you will be using your thumb and the middle and ring fingers of your right hand.
15. Using your right thumb, close off your right nostril. Start by exhaling through your left nostril. Then inhale easily through your left nostril.
16. Now use your ring and middle fingers to close your left nostril. Exhale slowly through your right nostril, and then easily

- inhale.
17. Continue alternating nostrils for about five minutes. Your breathing should be natural, or exaggerated. It may be a little slower and deeper than usual.
18. When you are finished, sit quietly with your eyes closed for a few minutes while breathing easily and normally.

Tips for Exercise

- Exercise daily for 30 minutes including yoga.
- Engage yourself in heart friendly or aerobic exercises.
- Avoid heart unfriendly exercises.
- Engage in Yoga on daily basis.
- Avoid unaccustomed exercise.
- Have adequate hydration before, during and after exercise.
- Exercise according to your body type Kapha, Pitta or Vata.
- Have your exercise protocol by your Doctor after the age of forty especially if you have coronary artery disease or had heart attack, asthma, hypertension or if we had stroke (paralysis), osteoarthritis, peripheral vascular disease or if you had intervention such as PTCA / CABG, permanent pacemaker implantation, valve replacement or AICD (automatic intracardiac device) implantation.
- Avoid extremes of weather for exercise.
- Avoid exercise after alcoholic drinks or smoking.
- Best time for exercise is Kapha period that is 6 am to 10 am or 6 pm to 10 pm.
- Avoid vigorous exercise.
- Daily yoga enhance healthy heart and healthy mind.

Our body is designed for physical activity and the impulse to exercise

is a natural human tendency. The concept of exercise is right from the time when the baby is in the mother's womb. The baby's movement in mother's womb gives joy to both the mother and the baby. This joy of using the body to its full activity throughout the life leads to perfect health. Food is the fuel that we consume everyday and exercise creates the energy, which uses this fuel. There has to be proper balance between the exercise and direct consumption. Lack of exercise or sedentary lifestyle leads to disability and disease. Historically it has been well documented that through millions of years of our revolution, our cardiovascular system and metabolism were used to vigorous physical activity. Until 19th century, vigorous physical activity remained as integral part of our daily life. However with the modern industrialization, we consume more and enjoy ample food and comfort with minimal physical activity. Sedentary jobs, using the car instead of walking even for small distances or parking the car right in front of shop when we go for shopping and request the shopkeeper to come to you, misuse of motorized transport, use of physical activity saving devices in the house like remote controls for operation of televisions, use of elevators, use of washing machine and automation in industry etc. have made many of us inactive and lazy. We are all the spectators, preferring to watch the game of tennis, cricket or football on television or rather then playing them. Thus, the balances between the energy supply and demand and gets upset. Eating the right food at a right time, at a right place, at a right manner, in a right dose, in a right environment with exercise schedule at a right time, at a

right place, in a right manner, in a right environment, in the right frequency, for the right duration and the right type of exercise will keep us fit and healthy physically and mentally. I firmly believe that the willpower and keen interest in exercise will make us a healthy being. Moderation in exercise is the key for perfect health. Too little and too much can be damaging. Effective exercise program should be based on an individuals need especially after the age of thirty after consulting your physician.

Daily exercise is a very important integral component of our ideal lifestyle. Exercising daily for thirty minutes help in maintaining optimum integration of various components of health including body, mind, soul, spirit and environment. Those who exercise they live long. Exercise has a tremendous impact on our personality, potentials, achievements, success and happiness. Unfortunately most of us exercise after we have bypass surgery or after having any such major ailments. I firmly believe that if we exercise regularly it may help us not only in bypassing the bypass surgery but also bypassing many ailments such as heart attack, hypertension, high cholesterol, premature strokes, arthritis, osteoporosis, cardiac metabolic syndrome etc. Either we can use our body for loose it, depending on what perception, thoughts, interpretations, experiences and choices we have. I firmly believe "Use it or Lose it". If we exercise for thirty minutes a day or three and half hours a week or fourteen hours a month or six days a year or one year of our lifetime of eighty years, then we will remain healthy physically, mentally, socially, spiritually and environmentally with a

healthy heart as defined by World Health Organization. You must follow the laws of nature if you want to be healthy. Moderate regular exercise is enough to provide you with almost all of the health and longevity benefits without risks of more intense exercise.

Classification of Exercise

The exercises can be classified as (1) Heart friendly or health friendly or aerobic exercises (2) Heart unfriendly or health unfriendly or anaerobic exercises (3) Unaccustomed. The heart friendly exercises are walking, wagging, jogging, swimming, dancing, cycling, skiing, rowing, walking on treadmill etc. are good for heart and require oxygen. The aerobic system is must more efficient, it increases oxygen-rich blood to your muscles and the heart unfriendly or anaerobic exercises are weight lifting, isometric contractions such as pushups etc., which build the muscles and does not require oxygen and are not friendly for healthy heart. The anaerobic system is designed for short, quick, intense bursts of energy, the kind you use such as sprinting or dashing for a train. An aerobic exercise generate large amount of waste product such as lactic acid, which causes muscle cramps, soreness and pain. Unaccustomed exercise are such as pushing a car or changing wheel of a car or starting jogging for the first time at the age of 50 or 60 or exercising in extremes of weather either too hot or too cold or too humid or without awareness of our effort tolerance. One should perform the exercises which he or she is used to and should be aware of warming up and conditioning effects of exercise. ■

New and Improved Convention Centre at SCOPE Complex and SCOPE Minar

**Conference Halls and facilities are being sanitized and fumigated on a regular basis.
Booking of halls are now open in line with Government guidelines.**

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.

Banquet Hall

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

Annexe I

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

Annexe II

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

Tansen Chamber at UB

The Tansen Chamber has capacity of 30 persons and also has stage & podium 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

Mr. Shubh Ratna

GM (Tech.& HR)

Mob: 9873398242

Email: shubhratna@scopeonline.in

Mr. Nitin Kulshrestha

Dy. Manager (Tech. & HR)

Mob: 9313989067

Email: nitin@scopeonline.in

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

Mr. Shubh Ratna

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Mob: 9873398242

Email: shubhratna@scopeonline.in

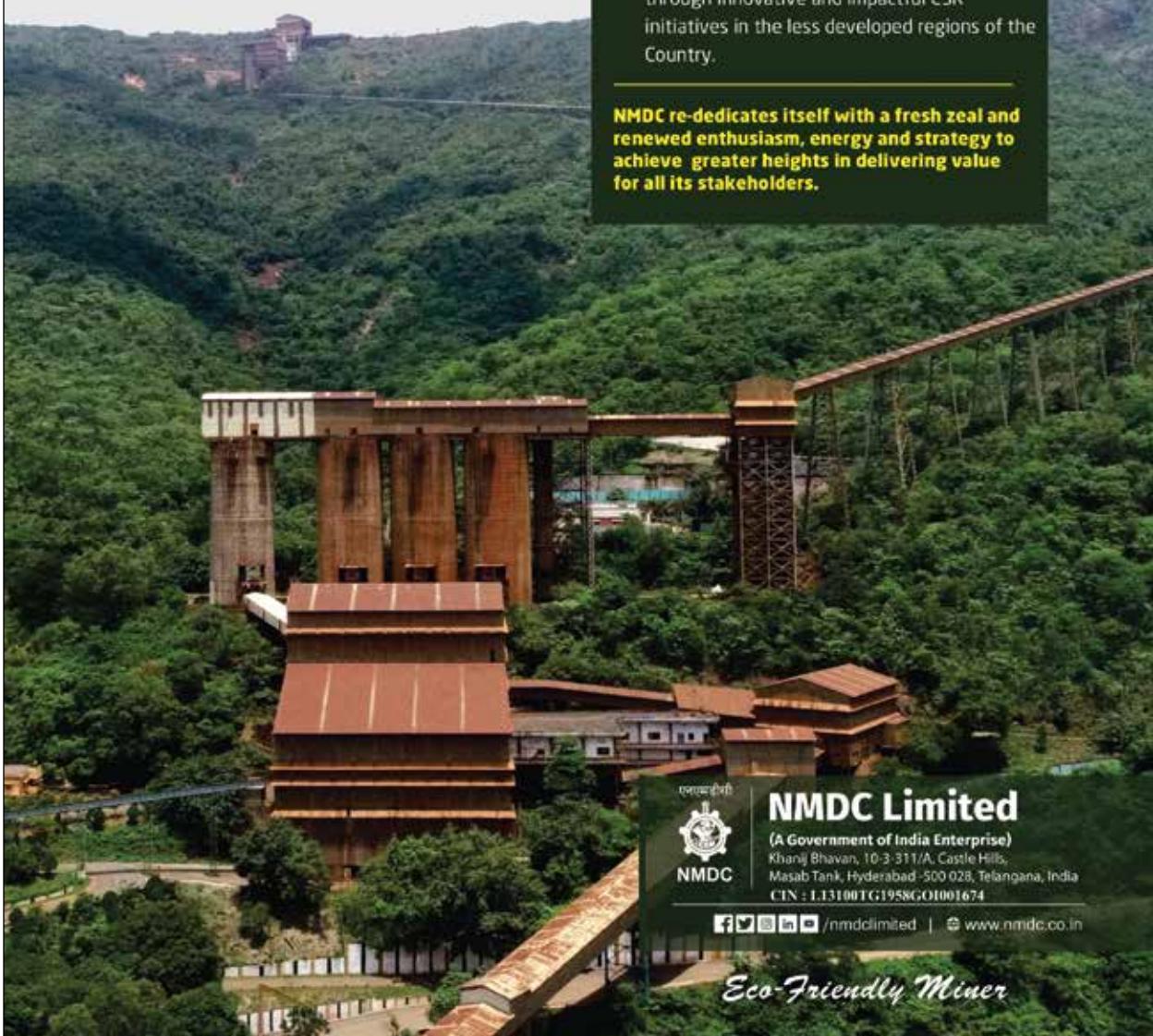
Mr. Gopal Krishna Bharti

Asst. Manager (Tech.) SCOPE Minar.
Mob: 9717564689

Email: scopeminar.convention@gmail.com,
gopal@scopeonline.in

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.

The Earth is our Workplace.
We Preserve and Protect it.
(Going Green since 1958)



More than 6 decades of Responsible Mining and Sustainability

- One of the best performing Public Sector Enterprises of India
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- Venturing into steel by commissioning 3.0 MTPA Steel Plant at Nagarnar, Chhattisgarh
- Sole producer of Diamonds in India
- Bringing socio-economic transformation through innovative and impactful CSR initiatives in the less developed regions of the Country.

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Eco-Friendly Miner

Public Sector Day Celebrations

The weeklong Public Sector Day was celebrated at various Divisions / Offices of HAL in a befitting manner by following COVID appropriate behaviour. Gist of the programmes organized were as follows:

(a) A Special Message regarding Observance of Public Sector Day was issued by Mr. Alok Verma, Director (HR), HAL to all the employees of the Company highlighting the importance of Public Sector in economic & technological growth, Make in India & Aatma Nirbhar Bharat, etc.

(b) Banners / Posters regarding Celebration of Public Sector Day were displayed at

prominent places; Webinars / Lecture / Sessions on various topics like 'Contribution of HAL towards AatmaNirbhar Bharat, Importance of Public Sector Units in Indian Economy & its Progress', 'Significant contribution & Achievements of Public Sectors to the Nation', Responsibilities of Public Sectors towards the Stakeholders, Make in India & Aatma Nirbhar

Bharat', 'PSUs contribution in Development of Nation', etc. were organized; Essay / Debate / Quiz / PPT Presentation Competitions on Topics like 'Role of PSUs in Building Nation', 'Role of PSUs in making India Self-Reliance', 'Financial Contribution of Public Sectors in bringing transformational changes in the Economy', etc. were conducted among employees.



Public Sector Day Celebrations in HAL



Banners / Posters on Celebration of Public Sector Day was displayed at HAL Overhaul Division, Bengaluru.



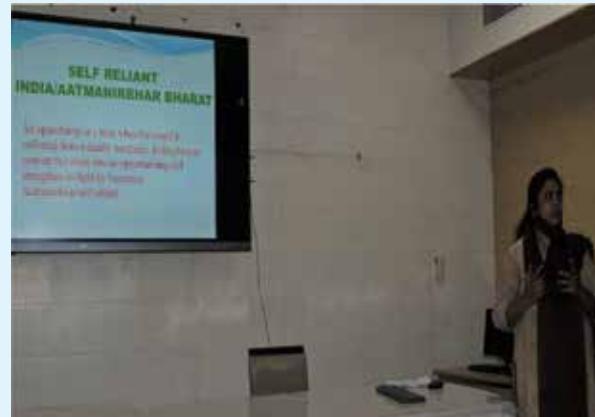
A talk on "Public Sector, Make in India & Aatma Nirbhar Bharat" was organized at HAL, Korwa Division, through Video conference.



A Sessions on "Significant Contribution & Achievements of Public Sectors to the Nation"; "Concept of Public Sectors in India"; & "Responsibilities of PSUs towards the Stakeholders, Make in India & AatmaNirbhar Bharat" were organized at HAL, Industrial Marine Gas Turbine Division, Bengaluru.



COVID-19 Vaccination Drive for HAL Employees including Contract Labours who are above 45 years of age was organized at HAL, Nasik Division in co-ordination with Primary Health Center, Ojhar, Maharashtra.



At HAL Management Academy, Bengaluru, General Manager, HMA moderated the debates presented by employees on "Public Sector's Role in Nation Building", "Financial Contribution of Public Sector in bringing Transformational Changes in the Economy" & "Report on Article 12 of the Constitution of India with regard to PSU".

PPT Presentation Competition on the Topic "Role of PSUs in Making India Self-Reliance" was organized at HAL, Engine Division, Bengaluru.



At HAL, Facilities Management Division, Bengaluru, Quiz competition on "Public Sector" was conducted among employees.

Essay Competition on the Topic "AatmaNirbhar Bharat" was conducted at HAL, Aerospace Division, Bengaluru.



At HAL, Accessories Division, Lucknow Chief of Projects, ADL inaugurated the Public Sector Day through Video Conference.

A Webinar on "Contribution of HAL towards AatmaNirbhar Bharat" at HAL Corporate Office, Bengaluru.



Observance of “Public Sector Day” Celebration at PDIL

Projects and Development India Limited observed ‘Public Sector Day’ recently at their Noida and Vadodara Units. The activities as mentioned below were undertaken by PDIL during the weeklong “Public Sector Day” celebration:

PDIL, Noida:

The Noida Unit of PDIL organized an Essay Writing competition and an Online Quiz Competition where number of employees participated with enthusiasm by following COVID appropriate behavior.

PDIL, Vadodara:

The Vadodara Unit of PDIL organized an Online Quiz Competition where number of employees participated with enthusiasm by following COVID appropriate behavior.

"PUBLIC SECTOR DAY"

NOIDA UNIT-ESSAY WRITING & ONLINE QUIZ COMPETITION



"PUBLIC SECTOR DAY"

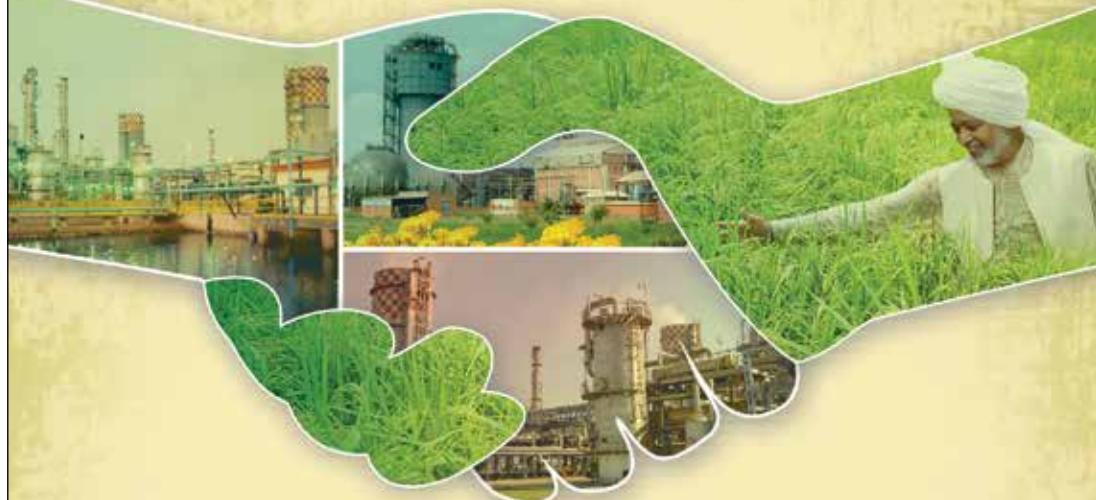
VADODARA UNIT-ONLINE QUIZ COMPETITION





NFL

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PSEs CSR Activities

Hon'ble President of India inauguates Newly Built School and Hostel of NTPC



Hon'ble President of India, Shri Ram Nath Kovind during the inauguration of school and hostel buildings built by NTPC.

Hon'ble President of India, Shri Ram Nath Kovind inaugurated school and hostel buildings built by NTPC Rihand under its Corporate Social Responsibility (CSR) initiative, at Sewa Kunj Ashram, Chapki at NTPC Rihand. Along with Shri Ram Nath Kovind, Hon'ble President, the inaugural function was also graced by Ms. Anandiben Patel, Governor of Uttar Pradesh and Mr. Yogi Adityanath, Chief Minister of Uttar Pradesh. Hon'ble President, Shri Ram Nath Kovind also visited the NTPC stall set up near the newly constructed hostel and appreciated NTPC's endeavour in working towards the welfare of the society and said that this is true service to the Nation.

While appreciating NTPC's efforts Mr. Yogi Adityanath, Chief Minister, U.P. said that compassion and service towards the tribal population is testimony to true nationalism and NTPC has displayed it consistently through their good work for the communities. Mr. D.K. Patel, Director (HR), NTPC, Mr. Balaji Iyengar, Executive Director, Rihand and other senior officials of NTPC were present on the occasion. The buildings have been established by NTPC, Rihand at a total cost of about Rs.11 crore. The school comprises of 18 classrooms and the hostel facility has 24 rooms. NTPC has also installed a 40KW Solar Power System for said buildings, to ensure uninterrupted power supply. Further, additional rooms for the school are being constructed by NTPC Ltd. under its CSR initiative. Above initiative is one of NTPC's key CSR initiatives, whereby

it endeavors to uplift marginalized tribal children through education, sports and holistic development.

REC to Support Education Project of Haryana CSR Advisory Board



Chief Minister of Haryana, Mr. Manohar Lal Khattar along with other officials of REC during the inauguration of CSR project of REC in Haryana.

REC Limited, through its CSR arm REC Foundation has committed financial assistance to the tune of Rs. 1.01 crore under its CSR initiative to Haryana CSR Advisory Board. As part of the project, more than 10,000 candidates in 5 districts of Haryana will be provided assistance for accessing the digital platforms of more than 80 Central and State competitive examinations along with 250 hours of preparation and practice in various subjects and unlimited access to online mock tests. The project is also aimed at ensuring equal opportunity of employment for candidates by providing them training in accessing various job openings online. The CSR project was inaugurated by Chief Minister of Haryana, Mr. Manohar Lal Khattar in the presence of Mr. Sanjeev Kumar Gupta, Director (Technical), REC and Mr. M.L. Meena, GM, REC along with other officials of REC & REC Foundation.

BEL hands over Deep Freezers, Walk-in Freezer to store vaccines to State Health Dept

Bharat Electronics Limited (BEL), as part of its CSR activities, supplied Cold Chain Equipment comprising 97 Deep Freezers and one Walk-in-Freezer to the



Mr. Shivakumaran K. M, Director (HR), BEL, handing over the Cold Chain Equipment to Mrs. Indumati, Project Director, RCH, Directorate of Health and Family Welfare Services, Government of Karnataka. Mr. Vikraman N, GM (HR), BEL-Corporate Office, and the Corporate CSR team are also present.

Department of Health & Family Welfare, Government of Karnataka. BEL was among the few CPSEs chosen by Department of Public Enterprises (DPE) to supply Cold Chain Equipment to support the COVID-19 vaccination programme of the Government of India. The Cold Chain Equipment was handed over to Mrs. Indumati, Project Director, RCH, Directorate of Health and Family Welfare Services, Government of Karnataka, by Mr. Shivakumaran K M, Director (HR), BEL, at the State Vaccination Store, National Health Mission Central Workshop, Bengaluru. Mr. Vikraman N, GM (HR), BEL-Corporate Office, and the Corporate CSR team were present.

The Cold Chain Equipment, procured by BEL at a cost of around Rs. 1 crore, will be used to store vaccines at Government district hospitals, community health centres and primary health centres in the state.

NALCO donates Refrigerated Truck for transportation of COVID-19 vaccines

To strengthen the cold chain equipment logistics and to boost the COVID 19 vaccination drive, National Aluminium Company Limited (NALCO), donated a custom-made refrigerated truck to the State immunization cell, Govt. of Odisha. The truck was handed over to the State immunization cell authorities at an event held in the premises of Directorate of Health Services at Bhubaneswar. Worth mentioning that the hi-end refrigerated truck can maintain a temperature ranging from 2 to 8 degree centigrade and has a capacity to carry 25,70,000 COVID vaccine (in doses) to various parts of the State.

Mr. Pradipta Kumar Mohapatra, Additional Chief Secretary, Govt. of Odisha and Mr. Sridhar Patra, CMD, NALCO formally flagged off the vaccine



Officials from NALCO handing over vaccination truck to the State Immunization Cell, Govt. of Odisha.

truck. The timely initiative of NALCO to provide this essential vehicle has been well appreciated. Among others, Ms. Shalini Pandit, Mission Director, NHM, Odisha, Directors of NALCO including Mr. Radhashyam Mahapatro, Director (HR), Mr. Bijay Kumar Das, Director (Production & Commercial), Mr. M.P. Mishra, Director (P&T and Finance), along with other senior officials of NALCO and State Health and Family welfare department were also present on the occasion.

Induction of Hearing Impaired Apprentices at Mazagon Dock



Mrs. Jaishree Prasad, First Lady of MDL along with hearing impaired apprentices and other executives of MDL at Apprentice Training School.

Mazagon Dock Shipbuilders Limited has launched a novel CSR initiative by inducting 19 hearing impaired youth for a two-year apprenticeship programme recently. This batch of boys hailing from Mumbai, Palghar, Raigad and other parts of Maharashtra, has been inducted through a special induction drive. They will undergo on the job training under hearing impaired Supervisors, who are already working at Mazagon Docks. Their training, including monthly stipend, will be funded entirely by MDL. Welcoming these apprentices to the shipyard, Mrs. Jaishree Prasad the first lady of the MDL urged them to make use of all the facilities available at MDL. Mr. Sasi Bhushan Tiwary, Head of the Apprentice School assured the parents that their children will be given the best possible training with brighter employment prospects. ■



PSEs Ink MoUs

NCL inks MoU with CNUPL, A Historical step towards Renewal



General Manager (E&M) Mr. S K Verma on behalf of NCL and CEO, CNUPL, Mr. B K Panda on behalf of CNUPL signing the MoU.

In A groundbreaking step towards Renewable energy and to become a Net Zero energy company, Northern Coalfields Limited inked a Memorandum of Understanding (MoU) with CIL & NTPC Urja Pvt Limited (CNUPL), for installation of 50 MW Solar Power PV project at Nigahi Area, Singrauli (M.P.) recently in a ceremony held through Video Conferencing.

The MoU was signed in the presence of Director (Technical), Coal India Limited; Mr. Binay Dayal, Director (Operations) NTPC; Mr. Ramesh Babu, Director (Technical/Operations); Dr. Anindya Sinha, Director (Technical/Project and Planning) Mr. S S Sinha, Chairman, CNUPL; Mr. M K Singh and other officials of Coal India Limited, NTPC, CNUPL and NCL through Video Conferencing.

General Manager (E&M), Mr. S K Verma on the behalf of NCL and CEO, CNUPL, Mr. B K Panda on the behalf of CNUPL signed the MoU.

NBCC Signs MoU with NIT Patna

NBCC signed MoU with National Institute of Technology (NIT), Patna at Bihta for supervision of construction and development of Institute Campus, Hostel and Residential Buildings at NIT Patna. According to the signed MoU, NBCC will be the Project Management Consultant (PMC) for the mega project. Mr. Asit Narayan, Registrar - NIT Patna signed the MoU on behalf of NIT Patna while Mr. Suman Kumar, CGM (Engg.), signed on behalf



Mr. Asit Narayan, Registrar - NIT Patna signing the MoU on behalf of NIT Patna with Mr. Suman Kumar, CGM (Engg.), on behalf of NBCC in the presence of Mr. P.K. Jain, Director, Professor (Dr.), NIT Patna, Senior faculty members from the Institute and Senior officials from NBCC.

of NBCC in the presence of Mr. P.K. Jain, Director, Professor (Dr.), NIT Patna, Senior faculty members from the Institute and Senior officials from NBCC.

Financial Assistance of Rs. 4058 Crore (plus 20% standby facility) to KHEL for 600 MW Hydro Electric Project at TrashiYangtse, Bhutan



Mr. R. S. Dhillon, CMD, PFC, Mr. Sanjay Malhotra, CMD, REC, Mr. Dasho Yeshi Wangdi, Chairman, KHEL. Mr. P.K. Singh, Director (Commercial) & Addl. Charge Director (Projects), PFC, Ms. Parminder Chopra, Director (Finance), PFC, Mr. G.S. Patra, Executive Director, PFC along with other senior officers at the MoU signing event through video conferencing (VC) mode.

Power Finance Corporation Ltd. (PFC) along with REC Ltd. signed a Memorandum of Understanding (MoU) with Kholongchhu Hydro Energy Ltd. (KHEL) for extending a Term Loan of Rs. 4058 crore for 600 MW Hydro Electric Project at TrashiYangtse, Bhutan. The project is proposed to be funded in



a debt-equity ratio of 70:30 and the Term loan of Rs.4058 crore shall be shared by PFC and REC in equal proportion. Apart from PFC and REC, Rs. 400 crore is proposed to be arranged from Bank of Bhutan (Rs. 200 crore) and NPPF, Bhutan (Rs. 200 crore).

KHEL, a JV company of SJVN Ltd. and Druk Green Power Corporation Ltd. (DGPC) is executing the project. This is the first project being executed in the Joint Venture (JV) model in Bhutan. The project is expected to be commissioned in FY 2025-26 and will generate about 2569 Million Units of energy which will meet the future power requirement of India and Bhutan.

The MoU has been signed in the presence of Mr. R. S. Dhillon CMD, PFC, Mr. Sanjay Malhotra CMD, REC, Mr. N. L. Sharma, CMD, SJVNL and Mr. Dasho Yeshi Wangdi, Chairman, KHEL.

Mr. P.K. Singh, Director (Commercial) & Addl. Charge Director (Projects), PFC, Ms. Parminder Chopra, Director (Finance), PFC, Mr. G. S. Patra, Executive Director, PFC along with other senior officers were also present at the MoU signing event through video conferencing (VC) mode.

Balmer Lawrie signs MoU with IIM Calcutta Innovation Park for Round 2 of its Startup Fund Program



(Left to Right) Mr. Adika Ratna Sekhar, Director [HR & CA] and CMD [Additional Charge], Mr. Sandip Das, Director [Finance] and Mr. Adhip Nath Palchaudhuri, Director (Service Businesses), Balmer Lawrie, Mr. Subhrangshu Sanyal, CEO, IIM-CIP and Prof. Anju Seth, Director, IIM Calcutta during the signing of MoU.

Balmer Lawrie & Co. Ltd., signed an MoU with IIM Calcutta Innovation Park (the incubation centre under the aegis of Indian Institute

of Management, Calcutta), for taking forward its Round 2 Startup Fund program. The MoU was signed by Mr. Adhip Nath Palchaudhuri, Director (Service Businesses), Balmer Lawrie and Mr. Subhrangshu Sanyal, CEO, IIM-CIP in the presence of Mr. Adika Ratna Sekhar, Director [HR & CA] and CMD (Additional Charge), Mr. Sandip Das, Director (Finance), Balmer Lawrie and Prof. Anju Seth, Director, IIM Calcutta.

Balmer Lawrie commenced its Startup Fund journey in 2017, with a commitment of Rs 5 crore. In Round 1, promising startups like Kanpur Flowercycling Pvt. Ltd. and RCHobbytech Solutions Pvt. Ltd. were nurtured and incubated.

Rolls-Royce and HAL sign MoU for Supporting MT 30 Marine Engine Business



MT 30.

Hindustan Aeronautics Limited (HAL) and Rolls-Royce have signed an MoU to establish packaging, installation, marketing and services support for Rolls-Royce MT 30 marine engines in India. Through this MoU, Rolls-Royce and HAL will expand their long-standing partnership in India and work together in the area of marine applications for the first time.

Mr. R. Madhavan, CMD, HAL said, "Rolls-Royce has been our valued partner for several decades. We now look forward to working together to explore business opportunities in marine applications. This partnership will leverage the rich experience of HAL's IMGT Division that works on marine gas turbines with Indian shipyards. Further, we are also exploring the option of using MT 7 marine engine on the hovercraft being planned by the shipyards



in India.” MT 30 is the world's most power-dense, best-in-class naval gas turbine currently in-service with naval programs worldwide in various propulsion arrangements across seven ship types. Derived from the Trent aero engine family, the MT 30 has the potential to provide next-generation capabilities to the Indian Navy's future fleet. The MT 30 can deliver its full power of up to 40 MW in ambient temperatures up to 38 degree celsius, without any power degradation throughout the life of the ship.

GRSE Aids set up two Medical Oxygen Plants Amidst Second COVID Wave

Garden Reach Shipbuilders and Engineers Ltd., (GRSE), operating under administrative control of the Ministry of Defence, signed MoU with Saroj Gupta Cancer Centre & Research Institute, Thakurpukur and Bharat Sevashram Sangha Hospital, Joka, for providing support to these hospitals to set up Medical Oxygen Plants under its CSR initiative. The Oxygen Plants are to be installed in the hospital premises of Saroj Gupta Cancer & Research Institute comprising of 310 beds and Bharat Sevashram Sangha Hospital with 100 beds.



Signing of MoU between GRSE and Saroj Cancer Centre & Research Institute and Bharat Sevashram Sangha Hospital.

Each Plant has the capacity to produce 40 to 50 cylinder per day. Recently, Bharat Sevashram Sangha Hospital has also started a COVID ward due to the latest surge in the pandemic. ■

HAR EK KAAM
DESH KE NAAM



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PSE News

SAIL records highest ever quarterly production and sales; caps the performance with best-ever annual sales

Steel Authority of India Limited (SAIL), has recorded its best ever quarterly performance in both production and sales during Q4 FY'21.

Provisional production and sales during Q4 FY'21 at a glance:

	Q4: FY21	Q4: FY20	% Growth over Q4 FY'20	Q3: FY 21	% Growth over Q3: FY 21
Crude Steel	4.55	4.31	6%	4.37	4%
Sales	4.27	3.74	14%	4.15	3%

*all figures in Million Tonnes (MT)



Ms. Soma Mondal,
Chairman, SAIL

Commenting on the performance, Ms. Soma Mondal, Chairman, SAIL said, "After the difficult market conditions during the initial months of the financial year, the Company adopted focussed approach on improving its volumes, improving operational efficiencies, operating the facilities at optimum levels, deleveraging its balance sheet, reducing its inventory levels, etc. The multi-pronged strategy has helped us top the performances during the month, quarter as well as the year. The team effort by the SAIL employees helped in seizing the opportunity offered by the pick-up in the economic activities in the country especially the steel intensive sectors like infrastructure, construction, automobiles, etc."

In line with its focus on reducing the borrowings, the company has reduced its gross debts by around

Rs. 16,150 crore to stand at Rs. 35,330 crore (provisional) as on 31st March 2021 vis-à-vis Rs. 51,481 crore as on 31st March 2020.

Hon'ble President of India dedicates to the Nation the Ispat Post Graduate Institute and Super Specialty Hospital of SAIL, Rourkela Steel Plant



Hon'ble President Shri Ram Nath Kovind speaking at SAIL's Ispat Post Graduate Institute and Super Specialty Hospital function.

Hon'ble President of India Shri Ram Nath Kovind, dedicated the Ispat Post Graduate Institute and Super Specialty Hospital of SAIL, Rourkela Steel Plant (RSP) to the Nation in a grand function organised at the Hospital.



Prof Ganeshi Lal, Hon'ble Governor of Odisha, Mr. Dharmendra Pradhan, Hon'ble Union Minister of Petroleum and Natural Gas & Steel, Mr. Faggan Singh Kulaste, Hon'ble Minister of State for Steel, Mr. Naba Kishore Das, Hon'ble Minister of Health and Family Welfare, Govt. of Odisha, Mr. Jual Oram, Hon'ble Member of Parliament, Mr. P.K. Tripathy, Secretary (Steel) and Ms. Soma Mondal, Chairman, SAIL were also present on the dais on this occasion.

In his address, the Hon'ble President, praised the nomenclature of Rourkela, which means "Your village". "This is a very unique gesture of the people of this land to show their care and affection for the guests," he said. Remembering the glorious history of RSP, the Hon'ble President said that this first Steel Plant of the country under Public Sector Undertaking has been a strong foundation in the development of the country, apart from ushering in an inclusive growth in this region. I have learnt that the medical team of SAIL has carried out a laudable job in providing health care facilities and saving lives of people during the pandemic. The Nation would be indebted to you," he said.

Speaking on the occasion, Mr. Dharmendra Pradhan said "I was present in the meeting in which Hon'ble Prime Minister Shri Narendra Modi Ji had made the announcement for the super specialty hospital and I feel privileged to be here today on the occasion of the implementation of the promise made to the people of Rourkela". Expressing happiness over the fact that post graduation education facilities will

be provided in the super specialty hospital he said, "SAIL is a highly dependable steel maker. The Ispat General Hospital (IGH) has also remained one of the most trustworthy hospitals for the entire region."

It is worth mentioning here that keeping in view the growing health care needs of the people and the lack of super speciality facilities in this region, a 200 bed super-speciality hospital has been set up at IGH with the initiative of Ministry of Steel, Govt. of India.

Hon'ble President of India inaugurates Super Speciality Hospital in Rourkela Built by NBCC

Hon'ble President of India, Shri Ram Nath Kovind dedicated the Super Speciality Hospital built by NBCC in Rourkela, Odisha to the Nation. The 200 bedded Super Speciality Hospital costing Rs. 300 crore has been completed in record time of



Shri Ram Nath Kovind, Hon'ble President of India with other senior dignitaries at the inauguration ceremony of super speciality hospital in Rourkela.

24 months. The hospital is installed with the world-class medical equipments such as CT scanner, MRI, Cath labs, 3 modular OTs, one emergency OT etc.

NBCC has played a major role in developing the Healthcare infrastructure of the country by executing many landmark Healthcare projects across the nation amongst which mega projects such as AIIMS Bilaspur and Deoghar are currently under implementation.

DCI celebrates 130th Jayanti of Dr. B.R Ambedkar at its Head Office, Visakhapatnam



Dr Kumbha Ravi Babu, Chairman AP State ST Commission and Prof.(Dr) G.Y.V. Victor, MD & CEO, DCI along with other senior officials on the occasion of 130th Jayanti of Dr. B.R. Ambedkar.

Dredging Corporation of India celebrate 130th Jayanti of Dr. B.R. Ambedkar at its Head Office, Visakhapatnam recently. On this occasion. Dr Kumbha Ravi Babu, Chairman, AP State ST



Commission and the Chief Guest addressed DCI employees by emphasising the enormous contribution by Dr B.R. Ambedkar in eradicating the social inequality in the society. He further emphasized on the fact that Dr B.R. Ambedkar contribution in uniting India as a whole shall never be forgotten.

Speaking on the occasion DCI MD & CEO Prof (Dr) G.Y.V. Victor highlighted the fact the Dr. B.R Ambedkar was not meant for any one society he represented the entire India as his family. The only religious book is the Indian Constitution and the only prayer is welfare of all.

The Chief Vigilance Officer, Mr. J Pradeep Kumar, Mr. P. Satyam, General Secretary, DCI SC and ST Association and all the employees of DCI participated in the 130th Jayanti of Dr B.R. Ambedkar.

POWERGRID dedicates 400kV Pavagada-Devanahalli TL

Power Grid Corporation of India Limited (POWERGRID) has dedicated its 400 kV Pavagada-Devanahalli Transmission Line to the nation as part of Amrit Mahotsav celebrations. 400 kV D/c (Quad) Pavagada - Devanhalli line, Phase-II (Part-B) Transmission system for UMSPP at Tumkur (Pavagada), under Southern Region-II in Karnataka was dedicated to nation. This line will enable delivery of power to Bengaluru city from Renewable Energy sources at Pavagada Ultra Mega Solar Power Park in Karnataka.

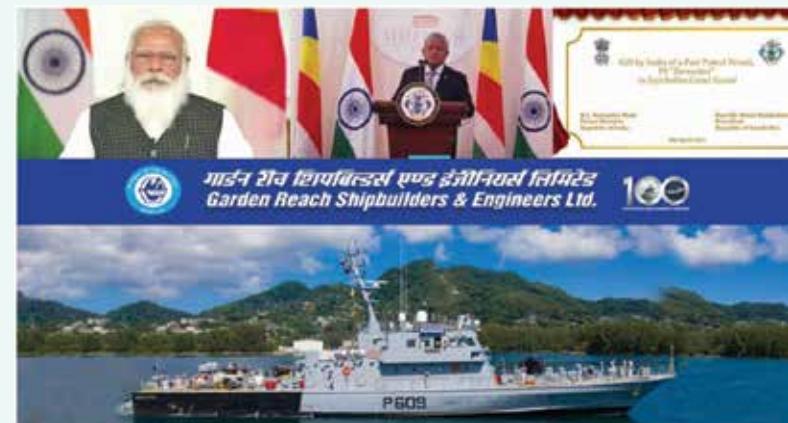
NLCIL enhances its Mining Capacity by 66%; Green Power Generation enhanced by 39%

NLC India Ltd. has made a capacity addition of 517.5 MW, using 'first of its kind technology' during the FY 2020-21, with 500 MW of Lignite based Thermal Power and 17.5 MW of Solar with Battery Energy Storage System. With this, NLCIL and its subsidiaries installed power generating capacity has increased to 6,061.06 MW.

During the year under reference, NLCIL also entered into Coal Mining business by commencing coal production at its Talabira Mines in Odisha, with capacity of 20 MTPA. With this, the Total Mining Capacity of the Company has increased from 30.60 MTPA to 50.60 MTPA. The Mine also surpassed its first year target of 0.937 MTPA and achieved actual coal production of 1.013 MTPA.

The NLCIL and its subsidiaries generated 24,613 MU of Power during FY 2020-21. It has augmented its renewable power plants, in line with Govt. of India's vision on Renewable Energy (RE), and the present installed capacity of RE is 1,421.06 MW. The Renewable Power Generation is up by 39%, from 1,481 MU in the previous year, to 2,057 MU in FY 2020-21.

GRSE built Fast Patrol Vessel SCG PS Zoroaster handed over by Hon'ble Prime Minister of India to Seychelles Coast Guard



Shri Narendra Modi, Hon'ble Prime Minister of India handing over the SCG PS Zoroaster to the Seychelles Coast Guard in virtual mode in the presence of His Excellency Wavel Ramkalawan, President of the Republic of Seychelles and other senior officials during the virtual conference.

In line with India's vision of 'SAGAR' (Security And Growth for All in the Region) that puts 'Neighbourhood first', Fast Patrol Vessel (FPV), SCG PS Zoroaster built by Garden Reach Shipbuilders and Engineers Limited (GRSE), Kolkata, a leading shipyard of India was handed over to the Seychelles Coast Guard by Hon'ble Prime Minister, Shri Narendra Modi in the presence of His Excellency Wavel Ramkalawan, President of the Republic of Seychelles. The handing over ceremony was conducted in virtual mode in the presence of senior dignitaries of both countries.

The SCG PS 'Zoroaster', is from the line of Fast Patrol Vessels being built by GRSE and with proven performance with the Indian Coast Guard. The ship is a powerful, fuel-efficient platform designed to perform multipurpose operations, such as patrolling, anti-smuggling, anti-poaching, and search and rescue (SAR).



NTPC delivers electrifying performance in FY 21



NTPC recorded its highest ever group generation of 314 BU in FY 21, a growth of 8.2% compared to previous year. On a standalone basis, NTPC generated 270.9 BU in FY 21, an increase of 4.3% over the previous year.

NTPC group recorded highest ever single day generation of 1192.42 MU (Group) and 990.65 MU (NTPC). The coal plants registered a PLF of 66% with an Availability factor of 91.43%.

In another feat, Singrauli Unit-1 in Uttar Pradesh, first and the oldest Unit of NTPC which was commissioned 39 years ago and Korba Unit-2, in Chhattisgarh commissioned 37 years ago has achieved more than 100% PLF (Plant Load Factor). The stellar performance of Singrauli and Korba Units is a testimony to the expertise of NTPC engineers, Operation & Maintenance practices and NTPC systems.

NTPC also realized 100% of the billed amount from the Discoms and for the first time, realization crossed Rs. 1 lakh crore.

The total installed capacity of NTPC Group increased by 5.96% to 65810 MW with 4160 MW of capacity addition in FY 21. On a standalone basis, NTPC capacity increased by 4.03% to 52385 MW.

PDIL Dividend Payment to Govt. of India for the FY 2019-20 and 2020-21

Final Dividend Payment Advice of Rs 9.55 crore for 2019-20 and Interim Dividend Payment Advice of Rs 6.93 crore for 2020-21 was presented recently to Mr. D.V. Sadanand Gowda, Hon'ble Minister of Chemicals & Fertilizers by Director (Finance), PDIL in the presence of Secretary (Fert), JS (Fert) and senior officials of PDIL.



Director (Finance) PDIL presenting the dividend payment cheque to Mr. D.V. Sadanand Gowda, Hon'ble Minister of Chemicals & Fertilizers in the presence of Secretary (Fert), JS (Fert) and other senior officials.

PDIL has achieved historic highest ever financial performance in 2019-20 i.e., Revenue from Operations of Rs 133.01 crore, Total Income of Rs 142.16 crore, Profit before tax of Rs 45.86 crore and Profit after tax of Rs 31.83 crore.

PDIL is presently providing PMC services for 3 major Projects of HURL, Talcher project and consultancy services for various other Work Orders in Fertilizers, Oil and Gas sectors, etc.

NMDC delivers Spectacular Performance in FY21, Production rises by 8%, Sales up by 6% over CPLY



Mr. Sumit Deb, CMD, NMDC

NMDC, has witnessed a spectacular growth for FY21 both in production and sales performance over the CPLY.

Iron ore production for FY 21 stands at 34.11MT as against the 31.49 MT in FY20, and registered a growth of 8%. Iron Ore sales during the FY21 increased by 6% at 33.27 MT as against the 31.51 MT in FY 20.

Quarterly Production and Sales of 12.31 MT and 11.11 MT in Q4 are the highest ever since inception and are more by 2.84 MT (30%) and 2.49 (29%) over previous year.

The Bailadila Projects at Chhattisgarh have produced 26.56 MT in FY21 as compared to last year's production of 24.49 MT and registered a growth of 8% in production. The total sales of iron ore from Bailadila projects in FY21 is 25.85 MT against 24.46 MT in FY 20, which is 6% higher than the previous year.



This year production at Kirandul Complex is 136.29 LT, monthly production 19.92 LT (March 2021) and daily production of 1.21 LT (28.03.2021) are the highest ever since inception.

This year production at Bacheli Complex is 129.27 LT and monthly production 19.86 LT (March 2021) are the highest ever since inception.

Speaking about the production and sales for FY 21, Mr. Sumit Deb, CMD, NMDC, commented, "It has been a year of challenges for everyone. Inspite of these situations, team NMDC has been able to excel on all fronts, including fight against COVID, enhance production and sales and also take care of its community. I congratulate all our employees and stakeholders and take pride in their resolute efforts towards this goal. I am sure with this kind of zeal and enthusiasm, we will definitely surpass 42 MT in FY 22 and with the new reforms in mining rules, NMDC would look for new opportunities for capacity enhancement.

NFL achieves Highest-ever Fertilizer Sale of 59.36 Lakh MT



NFL has, once again, recorded highest-ever total Fertilizer Sale of 59.36 Lakh MT in 2020-21 beating its previous best of 57.04 Lakh MT achieved during 2019-20. This includes sale of company's own Urea, imported Urea and other P&K fertilizers.

On the production front, the company produced 37.99 Lakh MT of urea in its plants recording a capacity utilisation of 117.6% despite severe restrictions of COVID-19 and other despatch related challenges due to farmers' agitation in Punjab. In the plants, Panipat unit has set a new production record of Urea and Bentonite Sulphur and Vijaipur Unit produced Highest ever volume of biofertilizers.

Other than fertilizers, the company registered steep growth in sale of Seeds and Agrochemicals. While

sale of seeds grew by 35% than CPLY at 1,85,550 Quintals, the agrochemicals segment indicated a growth of 95% than the previous year.

Even the sale of Bentonite Sulphur, produced at NFL's Panipat plant, has recorded huge growth of 150% at 19,958 MT against 7,974 MT in CPLY. Also the Industrial Products segment performed exceedingly well during the year.

Despite COVID-19, HAL records Revenue of over Rs 22,700 Crores in FY 2020-21

In spite of the COVID-19 pandemic that affected company's operations and disrupted the supply chain (both within and outside the country), HAL has recorded a revenue in excess of Rs. 22,700 crores (provisional and unaudited) for the financial year ended. The corresponding figure for the previous year stood at Rs. 21,438 crores. The company has posted a revenue growth of around 6% in FY 2020-21 thanks to the improved productivity after suspending the operations for one month in the beginning of the year.

The year 2020-21 was significant in terms of securing the largest ever defence contract of 83 LCA MK-IA by an Indian company. This helped the company surpass the order book position in excess of Rs. 80,000 crores, said Mr. R. Madhavan, CMD, HAL. The record revenue achieved with the help of production of 41 new helicopters/aircraft, 102 new engines, overhaul of 198 aircraft/helicopters and 506 engines.

The cash flow position has improved significantly with improved budget allocation from defence customers and it stands in excess of Rs. 34,000 crores including advance payment of around Rs. 5,400 crores for 83 LCA MK1A contract. This helped HAL to liquidate all its borrowings availed from the banks. The company has ended the year with a positive cash balance of around Rs. 6,700 crores as against borrowings of Rs. 5,775 crores.

NRL launches Mobile Dispensing Vehicles, 'Photonz'

Keeping with its customer first approach, NRL has now ventured into the domain of Door-to-Door-Delivery of Diesel, the first PSU Oil company to do so in North East India. In a launch ceremony held at Guwahati, MD, NRL, Mr. S K Barua ceremonially launched NRL's fleet of Mobile Dispensing Vehicles



MD, NRL, Mr. S.K. Barua launches NRL's fleet of Mobile Dispensing vans at Guwahati

(MDVs), branded 'Photonz.' Along with the launch, customer registration for MDVs was also carried out and the registration certificates were handed over by GM (Mktg.), Mr. Subrata Das.

Speaking on the launch ceremony, MD NRL Mr. S.K. Barua mentioned that customer satisfaction was of outmost importance for NRL and launching of MDVs was a step towards enhancing that experience. He said that introduction of the MDVs would help NRL provide assurance of Quality and Quantity to its customers.

GRSE pays Interim Dividend of Rs. 44.10 Crores for FY 2020-21; Hands Over Dividend Cheque to Government of India



Rear Adml. V.K. Saxena, in (Retd.), CMD, GRSE presenting the Dividend cheque to Mr. Rajnath Singh, Raksha Mantri in the presence of senior officials from the ministry and GRSE.

GRSE, has paid an interim dividend of Rs. 44.10 crores for FY 2020-21 to its shareholders. The Interim Dividend Cheque amounting to Rs. 32,85,63,774/- as the government's share was handed over to Hon'ble Raksha Mantri, Mr. Rajnath Singh, by Rear Admiral V. K. Saxena, IN (Retd.) CMD of Garden Reach Shipbuilders & Engineers Ltd., Kolkata, at New Delhi in the presence of Mr. Raj Kumar, Secretary, (Defence Production).

Notwithstanding the impact of COVID 19 pandemic, GRSE has declared an interim dividend of Rs. 3.85 per equity share of Rs. 10 for FY 20-21. GRSE has been consistent in paying dividend to the Shareholders and has done so every year for the last 27 years.

CMD, ITDC urges on the need to encourage 'responsible tourism' at the 'Meet in India' Roadshow



Mr. G.K.V. Rao, IAS, CMD, ITDC, addressing the road show.

With an objective to promote India as a MICE Destination, Ministry of Tourism, in association with Madhya Pradesh Tourism and India Convention Promotion Bureau organised a three days roadshow – 'Meet in India' at the Chhatrasal Convention Centre, Khajuraho.

Addressing the govt. officials and tourism experts at the meet, Mr. G.K.V. Rao , IAS, CMD, ITDC spoke about 'Responsible Tourism' and how the state of Kerala can referred as a case study. He discussed about Khajuraho having potential to become a testimony to 'Responsible Tourism' and shared insights on the strategy and work required to develop India as a tourism destination. Mr. Rao also spoke about the success that can be achieved via expansion of hotels, better connectivity and availability of skilled human resources while keeping sustainability as a focus.

DCI celebrates 45th Formation Day at its Head Office, Visakhapatnam

Dredging Corporation of India Limited celebrated 45th Foundation Day at its Head Office at Visakhapatnam. The premier Dredging Company of the Nation was incorporated on this day 45 years back and since then it has been consistently catering to the dredging requirements of the major and minor ports across the country and abroad.

On this occasion, in his message to the employees of DCIL, Mr. Mansukh Mandaviya the Hon'ble



Prof (Dr.) G.Y.V Victor, MD and CEO, DCI addressing the employees on the occasion of 45th Formation Day.

Minister of State for Ports, Shipping and Waterways expressed confidence that DCIL will soon emerge as a global giant in the field of green and sustainable dredging for Atma Nirbhar Bharat.

The celebrations were led by the MD and CEO, Prof (Dr.) G.Y.V Victor and attended by the employees and their families. Speaking on the occasion Prof Victor outlined the journey of DCI through the years and recollected the invaluable contributions made by its past Chairmen and all other employees in this stupendous journey spanning four decades.

Capt K.M. Choudhary gave a presentation on journey of DCI and other senior officers attended the celebrations.

BHEL forays into Lump-sum Turn Key (LSTK) Business of Process Package for Downstream Oil & Gas Sector

Against stiff international competitive bidding (ICB), Bharat Heavy Electricals Limited (BHEL) has bagged a major order for a Sulphur Recovery Unit from IOCL.

Significantly, with this order, BHEL has made an entry into the downstream oil & gas process package business. The package, valued at over Rs. 400 crore, envisages setting up a 525 TPD Sulphur Recovery Unit at IOCL's Paradip Refinery in Odisha.

In addition to the thermal power sector, BHEL offers a broad range of products for major sectors of the Indian economy. With focus on growth of non-coal based business, the company offers comprehensive solutions for transportation, transmission, renewables, energy storage systems and emobility, water management, defence & aerospace, captive power generation and mechanical & electrical industrial products.

Apex Body of WIPS to be Headed by NLCIL Executive

In yet another first for the Company, a senior woman executive of NLCIL, Dr. C Dharini Mouli, DGS, Medical Services was unanimously elected as President of the Apex body of WIPS – Women in Public Sector, functioning under the aegis of SCOPE. Dr. Dharini Mouli, has been actively associated with the forum in various official capacities over the last two decades, which includes being a former Secretary of the Southern Chapter of WIPS and also representing India as a part of the delegation to Iran. This is the first time any woman executive from NLC India Limited would be leading the Apex Body. A Medical professional with NLCIL for the last three decades, with rich experience of diverse roles, her elevation as President WIPS will give a wholesome and fresh perspective to the forum and render significant contribution to the cause of the women executives working in Public Sector Enterprises across the country.



Dr. C. Dharini Mouli,
President WIPS

The other elected office bearers include Ms. Anju Gupta of MMTCL Limited, New Delhi as Vice President, Ms. Mallika S. Shetty of Shipping Corporation of India, Mumbai, as General Secretary and Ms. Varsha S Raut, Indian Oil Corporation Ltd., Mumbai, as Treasurer.

The above results were declared at the elections held by WIPS in a virtual meeting held recently, for Apex Functional Committee 2021-23.

Three NCL's coal projects achieve their production target, ahead of schedule



Coal Production using Shovel and Dumper



Three Coal Projects of Northern Coalfields Limited, Singrauli have achieved their annual coal production targets much ahead of the completion of the financial Year 2020-21. Jayant one of the Mega Project of NCL hit the 20 Million Tonne coal production mark and met its annual production target. Other Projects Dudhichua and Kakri also completed their targets earlier this month.

CMD, NCL, Mr. P. K. Sinha and Functional Directors of NCL congratulated the Project teams for these remarkable achievements and appreciated the efforts of all coal warriors who fought this battle in the pandemic time.

NCL in chasing its target of 113.25 MT Coal Production has produced 110.09 MT of coal with y-o-y growth of 6.32% till date. The company dispatched 104.47 MT Coal out of which, more than 75% of coal was delivered to power plants.

NRL signs Tripartite Agreement to incubate startup at IIT Guwahati



Exchange of agreement documents between NRL, IIT Guwahati and Vigitrics Pvt Ltd. officials.

A tripartite agreement was signed between Numaligarh Refinery Ltd. (NRL), Indian Institute of Technology (IIT) Guwahati and Vigitrics Private Limited, a startup selected through NRL's flagship startup funding initiative iDEATION, to fund incubation activities of the startup for two years at IIT Guwahati's Technology Incubation Centre (TIC). The agreement was signed by Senior Chief General Manager (Corporate affairs) NRL, Mr Nikunja Borthakur, Dean (Industrial Interactions & Special Initiatives) IIT Guwahati, Prof. G. Krishnamoorthy and Director, Vigitrics, Mr. Pharvesh Salman Choudhary in presence of Director, IIT Guwahati Dr. T.G. Sitharam, other officials of NRL, IIT Guwahati and Vigitrics Private Ltd at IIT Guwahati.

Vigitrics shall develop an "Intelligent Drowsiness Detection System" for vehicle drivers.

The NRL has launched iDEATION in 2017 to lend wings to the dreams and ideas of entrepreneurs from the North-East by selecting promising ideas and assisting them to grow. Out of Rs 10 crores earmarked for startup funding, about Rs 5.5 crores has already been allocated across 23 startups.

Observance of National Safety Week at Balmer Lawrie



Mr. Adika Ratna Sekhar, Director [HR & CA] and CMD (Additional charge), Balmer Lawrie administering the pledge during the inaugural session of the Safety Week at the Corporate Office, Kolkata.

The 50th National Safety Week was observed recently across all the units and establishments of Balmer Lawrie. The observance of the week commenced with employees taking the safety pledge.

At Balmer Lawrie 'Safety' is a way of life and continuous efforts are taken to achieve Zero LTI. To promote the safety culture, a series of contests like spot the hazard, quiz, extempore, essay and slogan writing were organized for the employees during the safety week in all the regions.

NHPC pays Interim Dividend of Rs. 890.85 Crore to Government of India for the FY 2020-21



Mr. A.K. Singh, CMD, NHPC handing over dividend payout advice to Mr. R.K. Singh, Hon'ble Minister of State (I/C) (Power and New & Renewable Energy) & Minister of State (Skill Development and Entrepreneurship), in the presence of Mr. Alok Kumar, Secretary (Power), Mr. S.K.G. Rahate, Additional Secretary (Power), Mr. Tanmay Kumar, Joint Secretary (Hydro), Ministry of Power and senior officials of the company.



NHPC has paid an interim dividend of Rs. 890.85 crore to Government of India for the financial year 2020-21.

The dividend payout bank advice was presented to Mr. R.K. Singh, Hon'ble Minister of State (I/C) (Power and New & Renewable Energy) & Minister of State (Skill Development and Entrepreneurship) by Mr. A.K. Singh, CMD, NHPC in the presence of Mr. Alok Kumar, Secretary (Power), Mr. S.K.G. Rahate, Additional Secretary (Power), Mr. Tanmay Kumar, Joint Secretary (Hydro), Ministry of Power and Mr. N.K. Jain, Director (Personnel), Mr. R.P. Goyal, Director (Finance), Mr. Biswajit Basu, Director (Projects) and Mr. H.S. Puri, Chief General Manager (Finance) from NHPC. NHPC had already paid Rs. 228.06 crore to Government of India during the current fiscal 2020-21 on account of final dividend for the financial year 2019-20. Thus, NHPC has paid total dividend of Rs. 1118.91 crore to Government of India during the financial year 2020-21. Board of Directors of the Company in its meeting had declared an interim dividend at the rate of Rs. 1.25 per Equity share i.e. 12.50% of the face value.

NHPC had earned net profit of Rs. 2829.16 crore for the nine months ended FY'21 as against the previous period corresponding figure of Rs. 2624.26 crore. The Company had earned net profit of Rs. 3007.17 crore for the financial year 2019-20.

BEML bags orders from Cameroon & Bangladesh **To supply construction equipment - A major boost for exports under 'Make in India'**

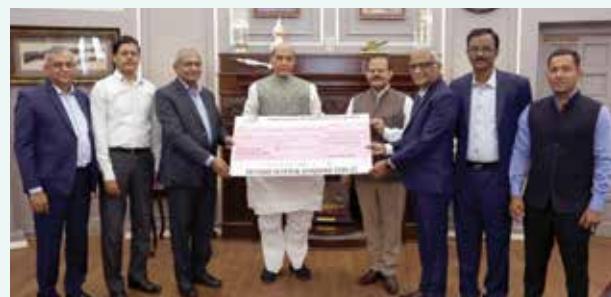


BEML Limited, received export orders from Cameroon and Bangladesh under Government of India-Lines of credit. The order for Cameroon has been received from Ministry of Economy, Planning & Regional Development (MOEPRD), Government

of Cameroon for supply of 71 units of construction equipment consisting of Bulldozers, Excavators, Wheel Loaders, Motor graders and Compactors for their Cassava Farm Project. The order for Bangladesh has been received from Ministry of Roads & Highways Department, Government of Bangladesh for supply of construction equipment consisting of Wheel Dozer for their construction, Repair and Maintenance of Road and Infrastructure projects in Bangladesh.

Valuing at around USD 23 Million, these equipment will be having more than 90% indigenous content and will be manufactured at BEML's KGF and Mysore plants in Karnataka signifying the true spirit of 'Atma Nirbhar Bharat' with thrust on going global.

HAL pays Second Interim Dividend to Govt. of India



Mr. Rajnath Singh, Defence Minister receiving the dividend cheque from Mr R. Madhavan, CMD, HAL and Mr. C. B. Ananthakrishnan, Director (Finance) in the presence of Mr Raj Kumar, Secretary, Defence Production.

HAL paid the second interim of Rs.376.94 crores for FY 2020-21 to the Government. The dividend cheque was handed over to the Defence Minister, Mr. Rajnath Singh by Mr R. Madhavan, CMD and Mr. C. B. Ananthakrishnan, Director (Finance) in the presence of Mr Raj Kumar, Secretary, Defence Production in Delhi. The Company had declared the second interim dividend of Rs.15/- per equity share of Rs.10/- each amounting to Rs.501.58 crores in addition to the first interim dividend of Rs.15/- per equity share Rs.10/- each amounting to Rs.501.58 crores already declared on December 9, 2020, total amounting to Rs.1003.16 crores which included GoI share of Rs.753.88 crores.

Mr. Madhavan said that HAL has been consistently paying higher dividend more than the minimum dividend prescribed by DPE guidelines.



Mr. Chandraker Bharti, JS (Aero), MoD, Mr. M.S. Velpari, Director (Operations), HAL and Mr Alok Verma, Director (HR), HAL were present on the occasion.

BEL pays Rs. 174 Crore Interim Dividend to Government of India



Mr. Gowtama M V, CMD, BEL and Mr. Dinesh Batra, Director (Finance), BEL, presenting the Interim Dividend Cheque to the Defence Minister, Mr. Rajnath Singh in New Delhi.

Bharat Electronics Ltd. (BEL) has paid Interim Dividend of 140% on its paid-up capital to the Government of India for financial year 2020-21.

Mr. M V Gowtama, CMD, BEL, presented the Interim Dividend cheque of Rs. 174,43,63,569.20/- (Rupees One Hundred Seventy-four Crores Forty-Three Lacs Sixty-three Thousand Five Hundred Sixty-nine and Twenty Paise only), payable on the shares held by the President of India, to the hon'ble Defence Minister, Mr. Rajnath Singh, at New Delhi. BEL has declared 140% percent as Interim Dividend (Rs. 1.40/- per share) to its shareholders for the financial year 2020-21.

This is the 18th consecutive year that BEL is paying Interim Dividend. BEL has paid a total dividend of 280% on its paid up capital for the financial year 2019-20.

MDL Pays Interim Dividend to Govt. of India



Mr. Rajnath Singh, Defence Minister receiving the Interim Dividend cheque from Vice Admiral Narayan Prasad, IN (Retd.), CMD, MDL in the presence of Mr. Raj Kumar, Secretary (Defence Production) and Mr. Sanjay Jaju, Additional Secretary (Defence Production).

Mazagon Dock Shipbuilders Ltd. paid interim dividend of Rs. 92.56 crores to the Govt. of India for the financial year 2020-21. Vice Admiral Narayan Prasad, IN (Retd.), CMD, MDL handed over the cheque to the Hon'ble Defence Minister, Mr. Rajnath Singh in the presence of Secretary (Defence Production), Mr. Raj Kumar and Mr. Sanjay Jaju, Additional Secretary (Defence Production) recently. With this MDL has paid a total dividend of Rs. 138.73 cores to the Govt. of India during the financial year 2020-21 including final dividend of Rs. 46.17 crores for the financial year 2019-20. Company has declared interim dividend of Rs. 109.11 crores @ 54.10 % of equity capital for FY 2020-21, Govt. of India share being 84.83%.

Hon'ble PM Shri Narendra Modi dedicates 1000 MW Neyveli New Thermal Power Station and 709 MW Solar Projects to the Nation



Hon'ble Prime Minister Shri Narendra Modi, dedicates NLCIL Thermal Power Station and Solar project to the Nation.

Hon'ble Prime Minister Mr. Narendra Modi, dedicating the 1000 MW (2 X500 MW) lignite based Neyveli New Thermal Power Station (NNTPS) and 709 MW Solar Power Projects of NLC India Limited at Coimbatore in the presence of Mr. Pralhad Joshi, Union Minister of Coal, Parliamentary Affairs & Mines, Mr. Banwarilal Purohit, Governor of Tamil Nadu, Mr. Edappadi K. Palaniswami, Chief Minister of Tamil Nadu, Mr. O. Panneerselvam, Deputy Chief Minister of Tamil Nadu, Mr. S.P. Velumani, Minister, Government of Tamil Nadu. Other senior officials from State and Central Governments and CMD and Functional Directors of NLCIL were present on the occasion.

While addressing the gathering after dedicating the 1000 MW lignite based Neyveli New Thermal Power Station (NNTPS) and 709 MW Solar Power Projects of NLC India Limited, Prime Minister Shri Narendra Modi lauded NLCIL for completing these projects that energise the state and realize the "National Solar Mission" and Government's Mission of "Power to All".



While addressing, Mr. Pralhad Joshi, Union Minister of Parliamentary Affairs, Coal & Mines complimented NLCIL for doubling its Mining capacity in three years and increasing the power generation capacity by 65% in the last six years.

Mr. O. Pannerselvam, Deputy Chief Minister of Tamil Nadu welcomed the dignitaries and gathering. Mr. Edappadi K. Palaniswami, Chief Minister of Tamil Nadu in his address highlighted the details of projects that are to be inaugurated / dedicated by the Hon'ble Prime Minister and its benefits to the State of Tamil Nadu.

Oil India Limited led consortium to bid for acquiring stake of BPCL in Numaligarh Refinery Limited

Oil India Limited (OIL) in consortium with Engineers India Limited (EIL) has decided to bid for acquiring 61.65% stake of Bharat Petroleum Corporation Limited (BPCL) in Numaligarh Refinery Limited (NRL). The bid is to be submitted through a formal process. The exact percentage of the stake of OIL and EIL will depend on the extent of Right of First Offer (ROFO) to be exercised by Government of Assam which already holds 12.35% stakes in NRL. NRL is the largest customer of OIL's crude produced from its North Eastern fields. The acquisition is expected to improve the synergy in OIL's portfolio.

Hon'ble Prime Minister Shri Narendra Modi dedicates 50 MW Kasaragod Solar Power Project implemented by THDC India Limited to the Nation



Hon'ble Prime Minister, Shri Narendra Modi dedicated 50 MW Kasaragod Solar Power Project to the Nation through Video Conference the first Solar Power Project implemented by THDC India Limited (THDCIL). Governor of Kerala, Mr. Arif

Mohammad Khan; Chief Minister of Kerala, Mr. Pinarayi Vijayan; Minister of State (I/C) (Power and New RenewableEnergy) & Minister of State (Skilled Development & Entrepreneurship), Govt. of India, Mr. R.K. Singh; Union Minister for Housing & Urban Affairs (I/C), Civil Aviation(I/C), Govt. of India, Mr. Hardeep Singh Puri; Minister for Electricity, Govt. of Kerela; Mr. M.M Mani, MP (Lok Sabha), Mr. Sashi Tharoor and Mr. Alok Kumar, Secretary(Power), GoI attended the ceremony joining through video conference. MLA, Manjeshwaram, Mr. M.C Kamaruddin and attended the ceremony from the project cite.

Mr. D. V. Singh; CMD, THDCIL, Mr. J. Behera; Director (Finance), THDCIL; Mr. R. K. Vishnoi Director (Technical), THDCIL; Mr. Augustin Thomas, CEO, RPCKL, and other dignitaries attended the dedication ceremony from the project location at Kasaragod, Kerala.

It is to mention that while most of the infrastructure projects world over got severely impacted by COVID-19 pandemic, this project was commissioning one month before the schedule, despite all hurdles. With the development of its first 50 MW Solar Photo Voltaic PV power project in Kasaragod Solar Park, THDC is committed to contribute to the government's solar power agenda in Kerala which has a total capacity of 105 MW. The project has been developed on 250 acre of land provided by Kerala State Electricity Board Ltd. which is spread across Paivalike, Meenja and Chippur villages of District Kasaragod, Kerala and built with Central government's investment of around Rs. 280 cr.

Third Scorpene Class Submarine Karanj Delivered



VAdm Narayan Prasad, AVSM, NM, IN (Retd), CMD, MDL and RAdm B Sivakumar, VSM, Chief of Staff Officer (Tech), Western Naval Command and other senior officials during signing of Acceptance Documents.



Mazagon Dock Shipbuilders Limited continues its saga of 'self-reliance' 'AatmaNirbhar Bharat' and 'Make in India' Initiative of the Government of India, with the delivery of the third Scorpene Submarine of Project P-75 to the Indian Navy, subsequently to be commissioned into Indian Navy as INS Karanj. The Acceptance Document was signed by VAdm Narayan Prasad, AVSM, NM, IN (retd), CMD, MDL and RAdm B Sivakumar, VSM, Chief of Staff Officer (Tech), Western Naval Command in the presence of MDL Directors and Navy personnel at MDL.

With the delivery of Karanj, India further cements its position as a submarine building nation and MDL has lived up to its reputation as one of the India's leading shipyards with capacity and capability to meet requirements and aspirations of the Indian Navy in all dimensions. The delivery of three Submarines namely, Khanderi, Kalvari and now Karanj, reaffirmed India's membership in the exclusive group of submarine building nations.

NRL observes 29th Foundation Day amidst COVID protocols



MD, NRL, Mr. S K Barua addresses employees on NRL Day.

The 29th Foundation Day of Numaligarh Refinery Limited was observed in a solemn manner observing all COVID-19 protocols. At Numaligarh, the observance commenced with the hoisting of NRL Day flag at Kunjakanan- NRL Township by MD, NRL, Mr. S. K. Barua in the presence of Director (Technical) NRL - Mr. B. J. Phukan; Director (Finance) NRL- Mr. I. Mittra and senior officials of the Company. NRL Theme Song was played followed by NRL Day Pledge taking in Assamese, Hindi and English, which was also undertaken in other locations of the Company. MD, Mr. S. K. Barua in his address recollected the glorious journey of the Company from its inception in the early nineties through its



Mobile dispensing vans being flagged off from NRL Marketing Terminal on Foundation Day.

establishment as a company in the year 1993 and paid rich tributes to the pioneers of the Refinery Project, who maneuvered through uncertainty to translate a dream a reality.

As part of the NRL day function, four mini trucks were handed over to nearby groups engaged in agricultural activities. Awards ceremony of 'Be The Change' Employee suggestion scheme 2020 was held and citations were handed over to prize winners. Due to recent surge in COVID-19 cases, one lakh 3 Ply Facemasks were distributed in nearby market places.

A few launches and inaugurations were carried out as part of the celebrations including inauguration of Sewage Treatment plant at NRL Township, flagging off 2 Mobile Dispensing Vehicle branded Photonz, inauguration of new elevated flare. Finally, a VC was held in the newly inaugurated Board Room at NRL Admin Building where MD and Directors interacted with senior officials from other locations of the Company.

NALCO gets mining lease for Utkal-E coal block



Mr. Sridhar Patra
CMD, NALCO

National Aluminium Company Limited (NALCO), has been granted the mining lease of Utkal-E coal block.

The lease has been granted by the Department of Steel & Mines, Government of Odisha, through a notification issued



recently. As per the notification, the mining lease of Utkal-E coal block is over an area of 523.73 Ha in villages Nandichhod, Gopinathpur Jungle, Kundajhari Jungle, Kosala & Korada under Chendipada Tahasil of Angul District. The initial capacity of Utkal-E coal block is 2 million tonnes per year with a total mineable reserve of approx. 70 million tonnes.

Worth mentioning that NALCO has already executed the mining lease for the Utkal D Coal block in March 2021. With the grant of Utkal D & E coal blocks, the total mineable coal reserve of the Company will be 175 million tonnes, which will be pivotal in meeting the coal requirement of its Captive Power Plant at Angul, Odisha.

On behalf of NALCO collective, Mr. Sridhar Patra, CMD of the Company thanked the State & Central Governments for sanctioning the mining lease and said that the NALCO team is very optimistic on starting the mining operation from Utkal-D coal block in this financial year. "With the grant of the mining lease of Utkal E coal block, the planned expansion activities of the Company will get a boost and will contribute significantly to the bottom line of NALCO", he said.

It may be noted that initially NALCO will be able to produce 4 million tonnes coal per year from the operation of Utkal-D & E coal blocks. The lease for Utkal-D & E Coal block has been granted to NALCO for a period of 30 years.

HUDCO celebrates 51st Foundation Day



On the occasion of the 51st Foundation Day of Housing & Urban Development Corporation Ltd., officials and stakeholders from across the country joined a live webcast to commemorate years of distinguished service to the nation.

Mr. Durga Shanker Mishra, Secretary, Ministry of

Housing and Urban Affairs, the Chief Guest on the occasion, addressed the officials and appreciated HUDCO's stupendous contribution towards nation building. He urged HUDCO to redefine the housing and urban development sector by innovatively addressing the emerging needs of the habitat sector. Mr. Mishra stressed the need to plan and design for a new urban India that is capable of addressing the challenges thrown up by the COVID-19 pandemic and meeting the housing needs of people across all sections of society. He exhorted HUDCO to scale greater and newer heights by seeking a bold new path and reorienting its business plans to respond to the dynamic sectoral requirements. Further, Mr. Mishra emphasized the urgency of getting vaccinated and reiterated the responsibility of each person to follow all COVID protocols.

Mr. Kamran Rizvi, CMD, HUDCO congratulated the employees for their commitment and dedication to HUDCO's business model of 'profitability with social justice', in a very tough and challenging year. Mr. M. Nagaraj, Director (Corporate Planning) welcomed the participants and Mr. D. Guhan, Director (Finance) proposed the vote of thanks.

HPCL lab first lab in Oil Industry to be evaluated by APAC for NABL Accreditation

HPCL Marketing QC department has created history by getting NABL accreditation of a QC laboratory under the evaluation of Asia Pacific Accreditation Co-operation (APAC). HPCL Suryapet Quality Control Laboratory has been granted accreditation in accordance with ISO/IEC 17025:2017 after assessment of lab conducted by APAC evaluator along with NABL Assessors in the presence of NABL observers and expert team. The certificate of accreditation has been issued by NABL recently.

HPCL Suryapet QC Lab was shortlisted among the Oil Industry labs after a stringent evaluation process done by Ms. Tran Thi Thu Ha, Bureau of Accreditation (BoA), Vietnam, APAC evaluator along with two NABL assessors and other senior experts. CEO - NABL thanked HPCL for providing necessary support and cooperation during APAC evaluation.

SAIL's Super Specialty Hospital at Rourkela to be used as COVID Care Hospital



SAIL's Super Specialty Hospital, Rourkela.

Inspired by the vision of Hon'ble Prime Minister, Shri Narendra Modi and guided by the leadership of Mr. Dharmendra Pradhan, Hon'ble Minister of Petroleum & Natural Gas and Steel, Steel Authority of India Limited's Super Specialty Hospital at Rourkela is approved to be used as COVID Care Hospital. Minister of Steel and PNG, Mr. Dharmendra Pradhan had instructed to use SAIL Super Specialty Hospital at Rourkela as COVID-19 care hospital in wake of rising cases in the region. SAIL has always stood in readiness and has actively contributed in the nation's fight against COVID-19.

The local district authority had also sent a request for utilising the ICU facilities of the Super Specialty Hospital for treatment of COVID-19 patients. The 60 bedded ICU facility of SAIL-RSP will be used for COVID-19 care. This hospital will further augment the treatment facilities for COVID patients in the state.

SAIL has stood shoulder to shoulder in fighting the pandemic since its onset last year. The company contributed Rs 30 crore to the PM CARES Fund along with employees donating a day's salary to the fund. Among the several efforts spearheaded by SAIL, it maximized its reach and collaborated with the local administration at its Plants and Units. The company's healthcare services were mobilized in large numbers across its hospitals. A COVID-19 testing facility was also set up at the SAIL-Rourkela Steel Plant's Ispat General Hospital which has been

functioning since then and contributing to Odisha's fight against the pandemic. Participating actively in the Annadanyojana, SAIL distributed dry rations and food in its peripheral region.

SAIL to set-up additional 2500 beds with use of gaseous oxygen facilities

Responding to the call of Hon'ble Prime Minister, Mr. Narendra Modi and under the guidance of Mr. Dharmendra Pradhan, Hon'ble Union Minister of P&NG and Steel, Steel Authority of India Limited (SAIL) is planning to set up jumbo medical facilities of about 2500 beds with the support of gaseous oxygen (GOX) for COVID treatment in addition to the facilities currently available at SAIL's five integrated steel plants at Bhilai (Chhattisgarh), Bokaro (Jharkhand), Rourkela (Odisha), Durgapur and Burnpur (West Bengal).

These jumbo facilities are being planned outside the existing hospital facilities and shall have oxygen support through a dedicated gas line drawn directly from the steel plants instead of extracting gaseous oxygen from liquid medical oxygen is being done in the own hospitals of SAIL currently. At the suggestion of Government of India, SAIL shall use Gaseous Oxygen directly as an additional source of oxygen as the demand for liquid medical oxygen is high currently.

These 2500 nos. of beds will be developed in phased manner in collaboration with the respective state governments. In the first phase, the company will set up about 700 beds which will be scaled up to 2500 beds across all the five locations.

Currently, there are around 3000 beds in the five SAIL hospitals and about 45% of beds have been earmarked for COVID patients.

The company remains committed to stand by the nation in fighting against the corona pandemic in every possible way.

REC organizes COVID-19 vaccination camp

REC Limited organized a vaccination camp on the occasion of International Nurses Day in collaboration with Apollo Hospitals for employees of various Power Sector CPSEs and their family members in the age bracket of 18 to 45 years.



Employees taking vaccination.

As a special gesture of gratitude and respect for our healthcare and frontline workers, the whole medical team of Apollo Hospitals was welcomed with a huge round of applause by the officials of REC.

The camp saw a total of 500 employees and family members turn up to get their first dose of the vaccine. As trying times linger on, REC continues to remain committed to being a major partner in the service of the nation.

MCL observes Anti-Terrorism Day



Mr. P. K. Sinha, CMD, MCL; Mr. O. P. Singh, Director (Tech/Ops), Mr. K. R. Vasudevan, Director (Finance), Mr. Keshav Rao, Director (Personnel) and Mr. Baban Singh, Director (Technical/Projects and Planning) administering the pledge along with other officials.

Mahanadi Coalfields Limited (MCL) observed Anti - Terrorism Day with employees taking a pledge to uphold & promote peace, social harmony & understanding among all fellow human beings & fight the forces of disruption threatening human lives & values.

Mr. P. K. Sinha, CMD, MCL administrated the

pledge via video conferencing.

Mr. O. P. Singh, Director (Tech/Ops), Mr. K. R. Vasudevan, Director (Finance), Mr. Keshav Rao, Director (Personnel) and Mr. Baban Singh, Director (Technical/Projects and Planning) were prominent among Area General Managers and Heads of Departments who joined for taking the pledge.

COVID Vaccination at MCL Anand Vihar Hospital



Mahanadi Coalfields Limited in association with Sambalpur district medical authority, organised a COVID-19 vaccination camp for employees, contractors' workers & peripheral people above the age of 45 years.

NHPC observes 130th birth anniversary of Baba Saheb Dr. Bhimrao Ambedkar



Mr. Sunil Shastri, former Minister & former Member of Parliament (Rajya Sabha) along with Mr. A. K. Singh, CMD, NHPC, Mr. N. K. Jain, Director (Personnel), Mr. Y. K. Chaubey, Director (Technical) and Mr. Biswajit Basu, Director (Projects) on the occasion of 130th birth anniversary celebrations of Bharat Ratna Baba Saheb Dr. B. R. Ambedkar at NHPC Corporate Office, Faridabad.

NHPC, organized a special programme to commemorate the 130th birth anniversary of Bharat Ratna Baba Saheb Dr. Bhimrao Ambedkar at its



Corporate Office, Faridabad. Mr. Sunil Shastri, former Minister and Ex-MP (Rajya Sabha) was the chief guest on the occasion.

The programme began with paying of floral tributes to the statue of Dr. Ambedkar by Mr. Sunil Shastri along with Mr. A. K. Singh, CMD, NHPC, Mr. N. K. Jain, Director (Personnel), Mr. Y. K. Chaubey, Director (Technical) and Mr. Biswajit Basu, Director (Projects). Mr. Sunil Shastri shared his thoughts on the life of Dr. B. R. Ambedkar and asked everyone to take inspiration from Dr. Ambedkar by adopting any of his principles in contributing towards nation building. Mr. A.K. Singh, CMD, NHPC expressed his gratitude to Mr. Sunil Shastri for sharing his thoughts on life and contribution of Dr. B.R. Ambedkar. Mr. Singh further said that everyone must incorporate the teachings of Dr. Ambedkar in their daily lives. The celebrations were held following the norms of social distancing in view of the ongoing COVID-19 crisis. The programme was viewed live across all NHPC Regional Offices, Power Stations and Projects through web-casting.

HPCL collaborates with Indian Army in establishing Centre of Wellness and Excellence Ladakh Super- 40 (Medical & Engg.)



Mr. Pushp Joshi Director (HR), HPCL along with Lieutenant General PGK Menon, AVSM, General Officer Commanding, 14 Corps/Indian Army and other senior officials of Indian Army and HPCL during the virtual announcement of Ladakh Super-40 (M&E) Project.

HPCL has collaborated with Indian Army to establish Centre of Wellness and Excellence under project "Ladakh Super- 40 (Medical & Engg)".

This project envisages to run a fully residential

Centre designed to provide compensatory education to make up for deficiencies and disadvantages for the children coming from lower socio-economic strata and other disadvantaged backgrounds of the Ladakh region, including areas along the Line of Actual Control (LAC). The virtual announcement of Ladakh Super- 40 (Medical & Engg.) project was done by HPCL Director – HR, Mr. Pushp Joshi in the presence of Lieutenant General PGK Menon, Ati Vishisht Seva Medal (AVSM), General Officer Commanding, 14 Corps/Indian Army and other senior officials of Indian Army and HPCL.

This partnership is huge step towards supporting the ambitions of the Ladakhi youth and this initiative will go a long way in 'Winning Hearts and Minds' of people in Ladakh region.

Hindustan Copper QIP of Rs 500 crore fully subscribed



The qualified institutions placement (QIP) of Hindustan Copper Limi-ted (HCL) closed recently with wide participation from diverse Investors including Mutual funds, Insurance companies, Banks and Foreign Institutional Investors. Launched recently this is the first time issuance of a Central Public Sector Enterprise to raise funds by issue of shares via QIP. The QIP of Rs 500 crore has been fully subscribed. The funds from the QIP are proposed to be used to fund the ongoing Capex/expansion plan of the Company.

HCL is the only operating copper ore producing mining company in India and also the only



vertically integrated producer of primary refined copper in India. HCL plans to expand its current ore production levels from 3.97 million tonne per annum to 12.2 million tonne per annum in phase-I (under implementation) through expansion of existing mines, reopening of closed mines and opening of new mines.

NTPC augments COVID Care Facilities across the country

NTPC Ltd, has added more than 500 beds with oxygen support and more than 1100 isolation beds across plants in various states to provide support to the critical COVID care.

In NCR region, the company has set up COVID care centres with facility of 200 oxygen supported beds and 140 isolation beds in Badarpur, Noida & Dadri. Further, the company has set up a 500-bed COVID health centre at Sundargarh in Odisha where 20 ventilators have been provided.

Going further, the company has already placed orders for 11 oxygen generation plants in NCR. Besides, 02 large oxygen generation plants having bottling facility are being set up.

Meanwhile, NTPC has inoculated over 70,000 of its employees and associates across its operations. The massive vaccination drive continues across plant locations.

NTPC has also started vaccinating those who are eligible in the 18-44-year-old category at many of its plant locations.

NTPC is running 24X7 Control Rooms across plants for better coordination for patients across sites which is coordinated by a special task force.

NTPC has also collaborated with the Ministry of Power and Ministry of Health to facilitate the availability of necessary but scarce medicines and other essentials like Oxygen.

NHPC conducts COVID-19 test camps at Ministry of Power and NHPC Corporate Office

NHPC, conducted COVID testing camps at Ministry of Power, Govt. of India, New Delhi and at NHPC Corporate Office, Faridabad recently. A total of 89 people underwent RT-PCR tests at Ministry of Power and 98 people at NHPC Corporate



RT-PCR test being carried out at NHPC Corporate Office.

Office. Ministry of Power Govt. of India has made NHPC the nodal agency for arranging COVID testing for all CPSUs and other organizations under the Ministry of Power in Delhi and NCR region.

The testing camps were conducted by NHPC Medical Division in association with Max Lab at New Delhi and Metropolis Healthcare Ltd. at Faridabad. The COVID testing camps are being carried out with full safety precautions and following guidelines.

MCL takes a two-pronged strategy to fight corona virus

MCL releases Rs. 32 cr for COVID-19 in Q1; raises coal supply by 15%



Fog Cannon in operational areas.

Mahanadi Coalfields Limited (MCL) has taken a series of steps at an estimated cost of over Rs. 32 crore in the first quarter of current financial year to



strengthen the fight against COVID-19 surge, besides ensuring increased quantity of coal to power plants.

MCL had spent Rs. 135 crore in different COVID-19 mitigating activities in the state of Odisha during last financial year 2020-21, and has further extended its support to state government in establishing COVID-19 hospitals and providing other infrastructure support.

The company is procuring 200 oxygen cylinders and concentrators to help Sambalpur, Jharsuguda, Sundergarh and Angul districts to combat COVID-19 pandemic.

Anticipating a rise in power demand in the country, the company ensured more than 4.25 lakh daily supply of coal from its mines during current fiscal, which was 15% higher than the despatch of dry fuel during same period last financial year 2020-21.

Mr. P. K. Sinha, CMD, MCL has exhorted the General Managers in the monthly coordination meeting to ensure COVID appropriate behaviour in the workplace.

"The health of our officers, staff and contractors' workers should be given paramount importance, as coal supply to power plants is directly dependent on them," the CMD said, asserting that at this juncture, when all the systems have been realigned to support in fight against COVID-19, country cannot afford dearth of essential commodities due to shortage of power.

Mr. Sinha also stressed on regular health monitoring of coal warriors, who are under treatment at various hospitals as well as at their residences.

Mr. Keshav Rao, Director (Personnel), in his letter to Odisha government, has offered to establish COVID-19 vaccination centers at five healthcare facilities of the company in Angul, Sambalpur, Jharsuguda and Sundergarh districts, and sought help of the government for vaccinating company employees, contractors' workers, their family members and peripheral population at the earliest.

MCL has supported the state government and district authorities to set-up and run COVID-19 hospitals with a total 1405 bed capacity, including 189 in ICUs.

Besides sanitization of offices and other workplaces, MCL is also conducting sanitization drives in peripheral localities, using 'fog cannons'.

Defence Minister and UP Chief Minister hail HAL established COVID Care Hospital in Lucknow



Mr. Rajnath Singh, Union Defence Minister and Mr. Yogi Adityanath Chief Minister, U.P. visiting HAL COVID Care Hospital along with officials of HAL.

The Defence Minister, Mr. Rajnath Singh, and UP Chief Minister Yogi Adityanath visited HAL COVID Care Hospital set up under HAL's Corporate Social Responsibility at the Haj House, Lucknow recently and appreciated the facilities and services provided for the COVID patients in a short span of time. The 255 bedded COVID Care Hospital handed over to the state authorities by HAL is now open to patients. This facility includes 130 beds with oxygen support, 100 with High Flow Nasal Cannula (HFNC) and 25 with ventilators.

The hospital will be managed by the UP Government through Care India, an NGO and charity organization. The technical support is being provided by HAL.

HAL was instrumental in procurement, installation and commissioning of the infrastructure and will ensure maintenance and servicing of the X-Ray machines, nebulizers, oxymeters, wheel chair, stretchers, BP monitors, Multi Para Display Monitors for ICU beds, CCTV monitoring system, ECG machine, bio chemistry analyzer, incubator, serum electrolyte analyzer, cell counter etc. The UP Government will involve itself in hospital operations and management through Care India with focus on medicine availability, hospital consumables, logistic and management of oxygen refilling.

Earlier, an MoU in this connection was signed



between Mr. Sanjay Kumar Garg, General Manager, HAL, Lucknow and Mr. Sanjay Bhatnagar, Chief Medical Officer, Lucknow in the presence of District Magistrate Mr. Abhishek Prakash, Mr. Rakesh Mishra, Chief of Projects (CoP), HAL and other senior officials from HAL Lucknow and UP Government were also present.

GSL pitching in to help State towards “Onsite Oxygen Generating Plant” at COVID-19 Hospital

Goa Shipyard Limited (GSL) has pitched in to help the Goa State Government in its fight against COVID-19 pandemic by providing “Onsite Oxygen Generating Plant” under CSR for COVID-19 Hospital. The proposed Oxygen Plant will generate medical oxygen @ 960 litres per minute and will be setup within a month by GSL. Additionally, considering the urgency of medical Oxygen, GSL is providing 40 nos. “Oxygen Concentrators”.

NLCIL floats Tenders for installing 9 Oxygen Plants and 500 Oxygen Concentrators

With a view to augment the supply of medical oxygen, NLC India Ltd. is in the process of setting up Pressure Swing Medical Oxygen plants at its project sites including Neyveli and Thoothukudi in Tamil Nadu and sites across the country. Tenders have been floated for the Oxygen plants and once the process is completed, the plants will be set up within one month. The move is in lines with the direction of the Union Coal Minister Mr. Pralhad Joshi to PSUs under its fold to set up oxygen plants to meet the rise in demand for medical oxygen in hospitals across the country.

NLCIL has planned to set up nine plants with capacity of 30 NM3/Hour based on the requirement at different locations. Two plants of 12 NM3/Hour capacity costing Rs. 25 to Rs. 30 lakhs will be installed at the NLCIL Hospital in Neyveli while three plants of 30 NM3/Hour capacity costing Rs. 65 lakhs to 70 lakhs each will be installed in Chennai. The plants in Chennai will be installed in Government General Hospitals identified by the State Government, informed Mr. Rakesh Kumar, CMD of NLCIL.

NLCIL will also be setting up three oxygen plants each in Rajasthan and through its subsidiary NUPPL in the state of Uttar Pradesh. The plants will

be funded through the NLCIL’s Corporate Social Responsibility (CSR) program for the fiscal 2021-22. Mr. Kumar who is directly monitoring the Hospitals in the company keeping in view the pandemic situation, has deputed Mr. Sathyamurthy CGM (HR) as incharge of the Hospital Administration. A number of initiatives have been taken on war footing with the new team. NLCIL had augmented its COVID bed capacity in its hospital and other places in Township in Neyveli from 90 to 500 beds (200 in the Hospital itself) for treatment of COVID-19 patients. The PSU had commenced Hospital Operations at Ghatampur UP within a week’s time with the combined team of L&T, GE and BGR. 70 bedded hospital is in operation now and additional 200 beds are arranged for Covid Care Centres in the nearby buildings. “NLCIL is also in the process of placing orders for purchase of 500 Medical Oxygen Concentrators of 10 LPM capacity each. Tenders have already been floated and we will finalize the bidder in a week’s time. The oxygen concentrators will also be sent to States including Odisha, Tamil Nadu and Rajasthan based on the requirement,” Mr. Kumar said.

BEL contributes Rs. 5.45 Crores to PM CARES Fund to combat COVID-19 Second Wave

Bharat Electronics Limited (BEL) has contributed Rs. 5.45 crores from its CSR Fund to the PM CARES Fund, in support of the Government’s concerted efforts in dealing with the challenges arising out of the raging second wave of the COVID-19 pandemic. BEL is also utilising Rs. 4 crores of its CSR Fund to set up Medical Oxygen Generation Plants in 12 Government hospitals in six states to ramp up their oxygen requirement and help ease current crisis across the country.

BEL is putting in all efforts to support the country’s war against COVID-19. Last year, the Company had released Rs. 10 crores from its CSR Fund towards the PM CARES Fund, to combat and contain the pandemic in India and also for relief efforts.

IREDA and NHPC vaccinate over 300 employees

A two day free COVID vaccination camp was jointly organised by Indian Renewable Energy



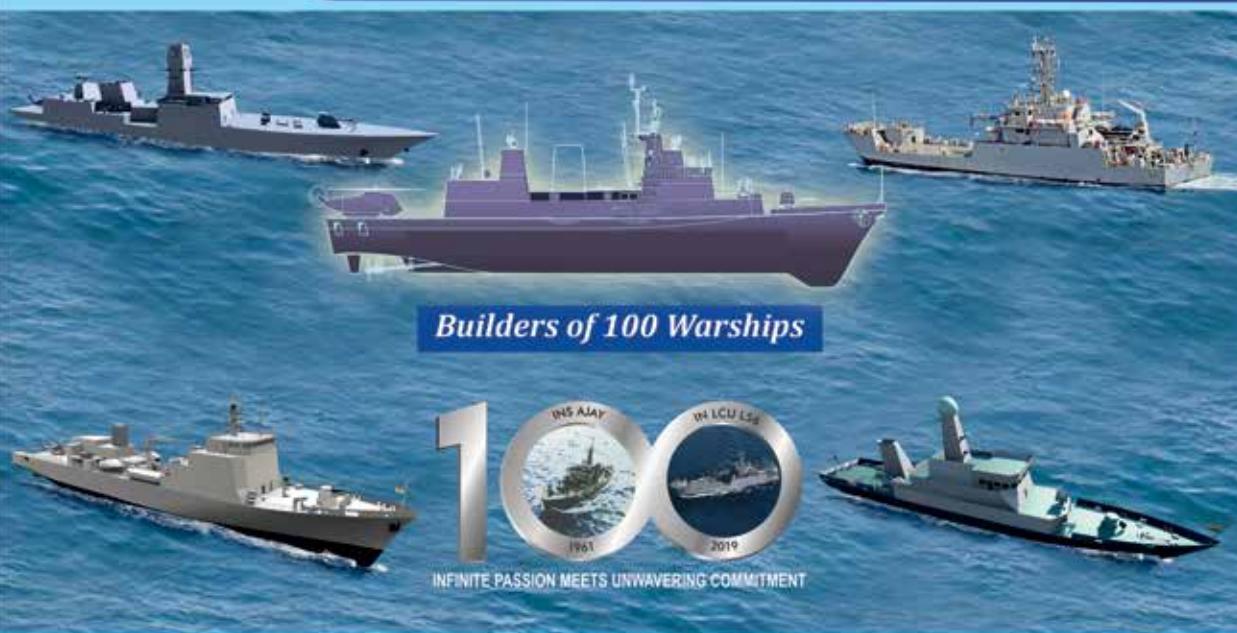
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Employees of IREDA and NHPC taking vaccine.

Development Agency Ltd. (IREDA) and NHPC Ltd. for the 18-44 age group employees at IREDA's Corporate Office, New Delhi.

This was done in line with the direction of Mr. R.K. Singh, Hon'ble Minister of State (I/C) for Power and New & Renewable Energy & Minister of State for Skill Development and Entrepreneurship. A total of 317 employees from IREDA, NHPC, Ministry of Power, Ministry of New & Renewable Energy, MHA, PFC, REC, BHEL, BBMB, MMTC, NEEPCO, PTC, NSPCL and CEA got vaccinated in this camp with the objective and fulfilling to rapidly immunise all eligible employees amid the second wave of infections. All the safety protocols were followed during the Vaccination camp. On this occasion, Mr. Pradip Kumar Das, CMD, IREDA underlined that "this is an effort to ensure protection and confidence so as to enable a healthier workforce. This will help safe return to normal life resulting in faster economic recovery. Mr. Das thanked NHPC and Apollo Hospital for their collaboration and support.

IREDA has taken several initiatives to contain the first and second waves of COVID-19. It has constituted an exemplary 'COVID Care Response Team'. that is continuously taking care of COVID-19 positive employees and their family members starting from June 2020. The Team has so far helped 77 employees, 27 families of employees, and 17 other individuals by regularly counselling them and also providing them all necessary support including regular delivery of food and medicines, hospitalization, plasma donation, Oxygen Concentrator etc.

The vaccination drive was carried out for the safety of power sector personnel so that the critical need of uninterrupted power supply on 24x7 basis is ensured.

BHEL starts supply of oxygen to hospitals



Supply of oxygen cylinders by BHEL.

In the midst of national crisis due to the second wave of COVID-19, Bharat Heavy Electricals Limited (BHEL) has risen to the occasion to meet the rising demand of medical oxygen in the country. BHEL's manufacturing plants located at Bhopal and Haridwar have started supply of oxygen to hospitals in their vicinity, for meeting the surge in demand due to the prevailing crisis situation. Catering to the daily increasing demand of oxygen, BHEL's Bhopal plant is supplying more than 6,000 cubic meters of oxygen gas daily to hospitals in Bhopal area. The unit supplied a record 975 cylinders. The Haridwar plant is upgrading its infrastructure to be able to supply about 16,000 Cubic Meters of oxygen per day for medical use. It will, shortly, be able to supply about 2,200 cylinders per day as against the capacity of 700 cylinders per day at present. This oxygen is supplied from captive oxygen plants, which have been installed to meet production requirements, in these two units. Further efforts are in progress for creating oxygen production capacity in other units of the company also. This initiative by BHEL aims at supporting the nation in fighting the battle against COVID-19. ■



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Awards & Accolades to PSEs

IREDA bags "Green Urja Award"



Mr. Pradip Kumar Das, CMD, IREDA.

Indian Renewable Energy Development Agency Ltd. IREDA has been conferred with "Green Urja Award" for being the Leading Public Institution in Financing Institution for RE this year by Indian Chamber of Commerce (ICC). The award was received by Mr. Pradip Kumar Das, CMD, IREDA from Dr. Ajay Mathur, Director General, International Solar Alliance in the presence of Mr. Anil Razdan, Chairman, ICC National Expert Committee on Energy in a virtual ceremony.

IREDA gets the award for the pivotal and developmental role it plays in Green Energy Financing. Appreciating the members of the jury for selecting IREDA, Mr. Das said that he is honoured to receive this award on behalf of IREDA. The award recognises our immense contribution in development of Renewable Energy Sector in line with the Hon'ble Prime Minister's vision of AtmaNirbhar Bharat.

Further, Mr. Das expressed his gratitude to Hon'ble Union Minister of Power, New and Renewable Energy, Mr. R K Singh who has been instrumental in guiding and facilitating IREDA with his fast decision making approach for overall growth of Power and RE sector. He also thanked Mr. Indu Sekhar Chaturvedi, Secretary, MNRE and other officials of MNRE for their continuous support to the company. CMD, IREDA dedicated the awards to all the IREDANs for constant hard work and making their best efforts to give outstanding performance in last one year despite numerous challenges including COVID-19.

IREDA under the administrative control of Ministry of New & Renewable Energy (MNRE) is the only dedicated institution for financing Renewable Energy (RE) & Energy Efficiency (EE) projects in India. Since, its inception the company has played a catalytic role in developing market for financing RE & EE projects. IREDA has over the years sanctioned loans aggregating to Rs. 96,601 crores, disbursed Rs. 63,492 cores and supported more than 17,586 MW of RE capacity in the country till date.

HAL bags Top Award for Innovative Training Practices

HAL has bagged the first place for Innovative Training Practices 2019-20 at the 30th National Award ceremony held recently at New Delhi by Indian Society for Training & Development (ISTD).

Mr. Alok Verma, Director (HR) said that " We are honoured to receive this award which is a recognition of our relentless efforts to strive for excellence





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in the area of training and development". Apart from using the in-house talent, HAL has tied up with the best management and training institutes to impart the right training to the professionals.

ACI-ASQ Awards 2020: Five AAI Airports adjudged among the best in the world

After witnessing an unprecedented year marred by the COVID-19 pandemic that impacted the world economy and hampered global air travel, the Airports Council International (ACI) World recently announced Airport Service Quality (ASQ) Awards for 2020.

Five of AAI's airports have been adjudged as among the best airports in the world. Five AAI Airports: Amritsar, Chandigarh, Kolkata, Pune and Varanasi have been declared as the best in the world in ACI-ASQ Awards for 2020. These airports won six awards in two different categories.

NTPC honoured with ISTD Award for Innovative Training Practices



Officials from NTPC receiving ISTD Award for Innovative training practices.

NTPC Ltd. has won the ISTD award in Learning & Development for Innovative Training Practices for the year 2018-19 and 2019-20.

In total, 34 teams participated in the event and NTPC won the final round held at the SCOPE Convention Centre. Recently, NTPC has been conferred the 'Role Model' Award at the 11th CII National HR Excellence Award 2020-21.

"Excellent Global Leadership in Telecom Sector" Award to CMD TCIL



Mr. Sanjeev Kumar, CMD, TCIL receiving "Excellent Global Leadership in Telecom Sector" Award.

CMAI Association of India & Telecom Equipment Manufacturers Association (TEMA), with delegates from all across the world, including Guest of Honour Dr. Malcolm Johnson, Dy. Secretary General, International Telecom Union Geneva, conferred "CMAI ICT World Communication Award" to Mr. Sanjeev Kumar, CMD, TCIL for his "Excellent Global Leadership in Telecom Sector" in recognition of his great contribution and excellence in Telecom field.

Mr. Sanjeev Kumar, CMD of TCIL, one of the Telecom industry's inspiring leader, has excelled in the field of network technologies, operations, Deployment of Telecom facilities in Remote and in-accessible areas of the country.

GM (Finance), Power Finance Corporation wins ICAI Award



C.A. Mohammad Salim, GM (Finance), PFC receiving 14th ICAI Award from Mr. Nitin Gadkari, Hon'ble Minister of Road Transport & Highways.



CA. Mohammad Salim, GM (Finance) of Power Finance Corporation (PFC) has won award at the 14th Institute of Chartered Accountants of India's (ICAI) Awards for his exemplary contribution and professional excellence. CA Salim received the award from Mr. Nitin Gadkari, the Minister of Road Transport & Highways and MSMEs at a ceremony held in New Delhi, in the presence of top brass of ICAI and eminent members of the industry.

CA. Mohammad Salim was declared the winner in the category, 'CA CXO-Large Corporate- BFSI' by a Jury committee under the chairmanship of Mr. Sajjan Jindal, CMD, Jindal Group.

MCL awarded for best practices in Environment, Health & Safety



Mr. D. K. Khanda, Senior Manager (Mining)/ Environment & Forests Department, Mr. Rajeev Kumar, Sr. Manager (Mining), S&R Dept. and Dr. J. Mishra, Deputy Medical Superintendent, Anand Vihar Hospital receiving best Practices in Environment, Health & Safety Award.

MCL has been awarded for best practices in Environment, Health & Safety by Confederation of Indian Industry (CII).

At CII Odisha's Annual Meet, the award was conferred on MCL. On behalf of the company, Mr. D.K. Khanda, Senior Manager (Mining)/Environment & Forests Department, Mr. Rajeev Kumar, Sr. Manager (Mining), S&R Dept. and Dr. J. Mishra, Deputy Medical Superintendent, Anand Vihar Hospital. In a competition held virtually. MCL was adjudged for second prize.

HPCL recognized with Media 360 Awards



HPCL has been recognized with two prestigious honors at Media 360 Awards 2021 by Campaign India. The two awards are for Corporate Website (Delivering Happiness) and 360° Employee Communication Campaign under the categories Best Use of Media: Digital Website (English) and Insight & Innovation Total Communications Campaign respectively. ■

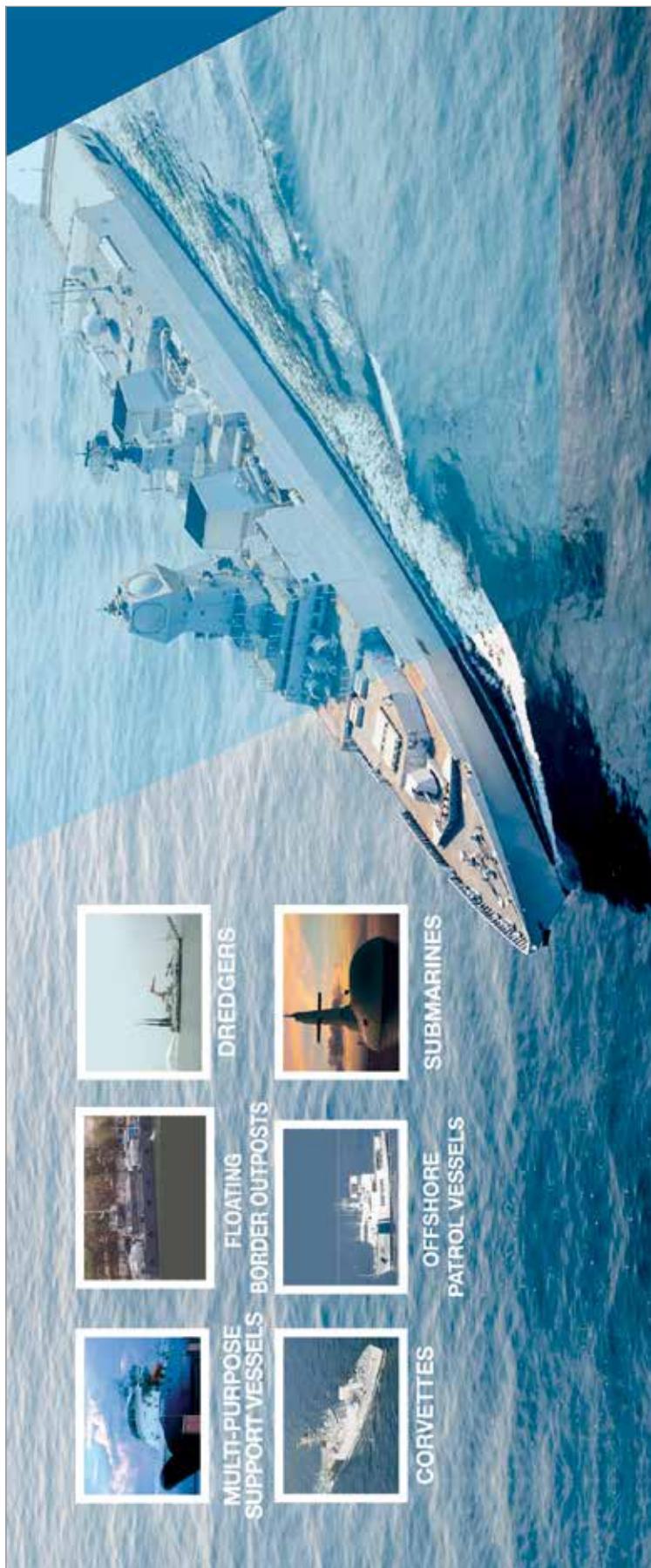
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Mr. Kishore Chandra Das
Director (Personnel)
assumes additional charge
as CMD of RINL-VSP.



Mr. Raman Chadha
assumes charge as
Chief Executive Officer of
GAIL Gas Limited



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उत्पाद श्रेणियाँ व उपयोग PRODUCT MIX & APPLICATIONS



WIRE RODS

5.5mm - 20mm

Wire drawing, Bright bars,
Fasteners etc.



ROUNDS

16 - 95mm 20-45mm both Straight & Coil form
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Railways, Construction



VIZAG TMT REBARS

8mm - 36mm

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General Engineering purposes



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Angles : 75 x 75 x 6 - 110 x 110 x 10mm
Channels : 100 x 100 - 200 x 75mm
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Flats : 80 x 12 - 100 x 25mm

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