Vol.42 No. 10

March, 2023

Rs. 100/-



KALEIDO SCOPE

STANDING CONFERENCE OF PUBLIC ENTERPRISES



Council of Indian Employers' meeting at SCOPE



SCOPE at National Meet of WIPS in Kolkata



SCOPE at Consultative meeting on G20 Education Agenda by NIEPA

SCOPE Decodes Union Budget 2023



SCOPE Wishes all Fappy International Women's Day



Scan to read other issues of KALEIDOSCOPE





Celebrating 75th year of India's Independence... Feel Powerful Freedom from Power Cuts!

For the past 66 years NLCIL is tapping the natural resources and fuelling the wheels of progress by promoting domestic production and contributing immensely to the Nation's successful march toward self-reliance and economic stability. NLCIL realises that the future of India depends on how much we fulfil our energy needs and how we produce the environment friendly energy.

> Started with a tiny lignite mine and a mini thermal power station at Neyveli in Tamil Nadu. Now the company is expanding its activities across the length and breadth of the Nation-thus a Pan India recognition. Also venturing into diversification in coal mining, coal based power generation, renewable energy (solar & wind) etc.,

> We have a comprehensive strategic plan to become a 17000+MW Power company and 84+MTPA Mining Company.





20.00 MTPA

Lignite Mining 32.10 MTPA



Generation 3640 MW







(Solar) 1370 MW



Renewable Energy (Wind) 51 MW

MTPA: Million Tonne per Annum / MW: Mega Watt



NLC India Limited

Corporate Office: Block 1, Neyveli-607 801, Cuddalore District, Tamil Nadu

Regd. Office: 'Neyveli House', No. 135, E. V. R. Periyar High Road, Kilpauk, Chennai - 600 010, Tamil Nadu CIN: L93090TN1956G0I003507 | Website: www.nlcindia.in

Generation 1000 MW



Content

- **15** Message by Chairperson
- 07 Director General's Desk

SCOPE News

08 Council of Indian Employers' Meeting at SCOPE



09 SCOPE program on 'Decoding the Union Budget 2023'



11

National Meet of WIPS under the aegis of SCOPE



- 14
- Interface with Stakeholders





16 SCOPE in Media

Articles

20

- Chennai Petroleum Corporation Limited Women Cell Activities
- 23 AVNL- The Shining Morn
- 26 Making Gender equality a future reality by Dr. S.K. Gupta & Anjali Arora
- 29 Health Miracles of drinking healthy water (Part-2) by Dr. H. K. Chopra

PSE News



Personalia

Our Email IDs have changed to:

DG Sectt.

scopedg@scopeonline.in

Programme & Studies

ca@scopeonline.in

Corporate Communications

pr@scopeonline.in

Technical

mmo@scopeonline.in

Finance

Vol. 42 No. 10 March, 2023

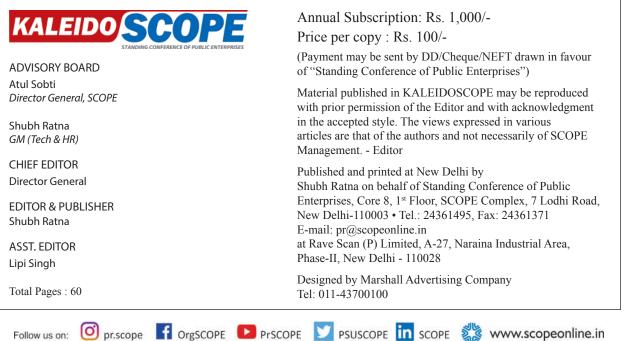
finance@scopeonline.in

SCOPE Forum for Conciliation and Arbitration (SFCA)

sfca@scopeonline.in

General Queries

info@scopeonline.in







At the outset, I would like to wish all our readers a very Happy International Women's Day. As this day marks the global recognition of the contribution of women in various fields, I would like to commend the tremendous contribution of women in the Public Sector as well.

As the theme of this year's International Women's day- is 'DigitALL: Innovation and technology for gender equality', which signifies the importance and role of innovation, and technology in the empowerment of women. SCOPE's recent study with the International Labour Organization (ILO) also reiterates the need for the creation of an inclusive workplace to upsurge women's participation in the workforce.

I am also happy to note that a large number of women employees participated in the recently held National Meet of Women in Public Sector (WIPS), under the aegis of SCOPE in Kolkata. WIPS has been playing a constructive role in developing leaders of tomorrow and I wish them success in their future endeavours as well.

As SCOPE endeavours to represent labour issues of Public Sector Enterprises (PSEs) at various forums, a meeting of the Council of Indian Employers' (CIE) comprising of All India Organization of Employers (AIOE), SCOPE and Employers Federation of India (EFI) was held at SCOPE.

Strengthening the role of CIE, in view of the emerging role of India, in the global economies with a specific focus on the desired role of Indian employers in tripartite forums, was deliberated at the meeting.

As nation builders, PSEs have been working incessantly towards building a self-reliant nation. As India emerges as the epicentre of the global growth, the energy sector finds an important role to play in the growth story. Reverberating the same, the India Energy Week (IEW) 2023 was held in Bengaluru recently, and PSEs participated in full strength. I encourage readers to glimpse through the various activities of PSEs at the IEW featured in this issue of the magazine.

As SCOPE continues to hold high the spirit of Indian PSEs, highlighting the activities and endeavours of the members, we look forward to our members and readers, for their suggestions and feedback.

burndard

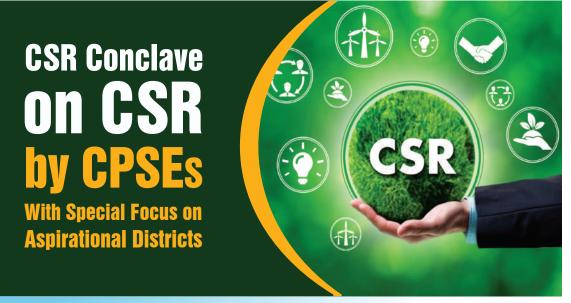
Soma Mondal Chairperson, SCOPE











Organized by

Department of Public Enterprises Ministry of Finance

in collaboration with

Standing Conference of Public Enterprises (SCOPE)

Knowledge Partner: 👫 Care

PROGRAM PERSPECTIVE

CSR interventions to be taken by CPSEs in the Aspirational Districts as identified by the concerned sectoral Ministries/Departments, best practices being adopted by the CPSEs in the field of CSR and convergence of Stakeholders while executing CSR activities in Aspirational Districts.

PROGRAM OBJECTIVE

Partnership for enhancing Impact in Aspirational Districts with Government through CSR. The conclave will come up action points / initiatives in aspirational districts by CPSE/Corporates/ Implementing Agencies which shall boost the progress of India's Social development.

Date & Venue: To be announced



In the upcoming months, SCOPE is all set to enter a new chapter as the apex organization of PSEs. Pursuant to its commitment to being an Inspiring, Innovative, and Impactful apex body of PSEs in India, SCOPE has been undertaking several pioneering initiatives.

Understanding the dynamic transformation at workplaces, SCOPE continues to prioritize the need for the skilling and upskilling of employees. Recently, SCOPE was invited to chair a session on 'Building Capacities, Promoting Life-long learning in the context of the Future of Work' at the Consultative meeting on the G20 Education Agenda by The National Institute of Educational Planning and Administration (NIEPA). This was a unique opportunity to interact with experts and policymakers on strengthening research and promoting innovation through collaboration.

As part of our endeavor of representing PSE employers, a meeting of Council of Indian Employers' (CIE) was held at SCOPE, where deliberations on strengthening the role of CIE in view of the emerging role of India in the global economy and the strategic role of CIE in various interactions & meetings organized nationally and internationally were held.

SCOPE recently conducted its annual program on Decoding the Union Budget with financial experts. The program held in hybrid mode received an overwhelming response, which has further enthused us to conduct more such capacity enhancement programs.

As we are aiming to organize training programs in new and emerging areas, SCOPE in association with the Department of Public Enterprises will be organizing a Conclave on CSR by CPSEs with a special focus on aspirational districts. This conclave will offer a forum for interaction and sharing of the best experiences in CSR activities by PSEs in aspirational districts.

As we celebrate International Women's Day, it is time for women to transcend to newer heights of excellence and embrace larger and more assertive roles in their organizations.

I was also happy to inaugurate the National Meet of Women in Public Sector (WIPS) in Kolkata. Also, I got an opportunity to interact with our various stakeholders in Kolkata. The activities undertaken by respective PSEs and SCOPE's continued endeavour to highlight their initiatives and activities were discussed during the meeting.

Through incessant efforts, SCOPE will continue to take novel steps towards capacity building of PSEs as we believe learning is not a one-day activity, but a constant process.

Programmes & Initiatives launched (since last issue of KALEIDOSCOPE)						
SCOPE session on 'Decoding the Union Budget 2023'- 2 nd February, 2023						
Council of Indian Employers' Meeting at SCOPE- 8 th February, 2023						
National Meet of Women in Public Sector (WIPS) under the aegis of SCOPE- 10 th & 11 th February, 2023						
Programmes & Initiatives in the offing						
SCOPE celebrates International Women's Day- 8th March, 2023						
CSR Conclave on CSR by CPSEs with Special Focus on Aspirational Districts						
Workshop on Leadership Development for Women Executives						
MoU between SCOPE & GIZ, Germany						
SCOPE celebrates Public Sector Day – 10 th April, 2023						

Blur.

Atul Sobti Director General, SCOPE

SCOPE News

Council of Indian Employers' meeting at SCOPE

CIE deliberates on strengthening role of employer associations



(From L-R) Shri Atul Sobti, DG, SCOPE; Smt. Soma Mondal, Chairperson, SCOPE & Chairperson, CIE and Shri Alok B. Shriram, President, AIOE during the meeting.

Council The of Indian (CIE) comprising Employers of All India Organization of Employers (AIOE), SCOPE and Employers Federation of India (EFI) convened its meeting on 8th February, 2023 at SCOPE Convention Centre, New Delhi. The meeting was chaired by Smt. Soma Mondal, Chairperson, SCOPE & Chairperson, CIE and participated by Shri Alok B.

Shriram, President, AIOE; Shri Atul Sobti, DG, SCOPE; Shri Jasbir Singh, Vice President, AIOE; Shri Arvind Francis, Secretary (Coordination), CIE and Shri Sougata Roy Choudhury representing EFI along with senior officials from CIE constituents.

The meeting deliberated on strengthening the role of CIE in view of the emerging role of India in the global economies with a specific focus on the desired role of Indian employers in tripartite forums. The meeting also discussed the strategic role of CIE in various interactions & meetings organized by the Government of India and Statutory Bodies from time to time and on international tripartite forums of International Labour Organization (ILO), International Geneva, and Organisation of Employers (IOE).



Shri Jasbir Singh, Vice President, AIOE; Shri Arvind Francis, Secretary (Coordination), CIE and Shri Sougata Roy Choudhury representing EFI along with other senior official from CIE constituents during the meeting.

SCOPE program on 'Decoding the Union Budget 2023'

Experts discuss the implications of the Budget during the program



Prof. N. R. Bhanumurthy, Vice-Chancellor, Dr. B. R. Ambedkar School of Economics University, Bengaluru; Shri Atul Sobti, DG, SCOPE; CA Pramod Jain, Council Member, ICAI and Deloitte team during the program.

Elucidating the announcements of Union Budget 2023, SCOPE organized a session with Economic, Financial, and Taxation experts on 'Decoding the Union Budget 2023' in hybrid mode on 2^{nd} February, 2023. Prof. N. R. Bhanumurthy, Vice-Chancellor, Dr. B. R. Ambedkar School of Economics University, Bengaluru; Shri Atul Sobti, DG, SCOPE and CA Pramod Jain, Council Member, ICAI addressed the program. A comprehensive presentation on various aspects of the Budget including new provisions and amendments in taxation was made by senior partners and subject matter experts from Deloitte. Over 200 participants, including board



Prof. N. R. Bhanumurthy, Vice-Chancellor, BASE University addressing the participants during the program.



DG, SCOPE addressing the participants in the presence of experts during the program.

members and senior officials from PSEs, attended the program through both physical and virtual mode including SCOPE's various social media platforms.

Explaining the macroeconomic aspect of the budget, Prof. N. R. Bhanumurthy stated that by laying focus on various aspects of the nation's growth the budget provided a prudent fiscal consolidation roadmap for the country. He appreciated the budget in prioritizing capex while providing tax relief to boost consumption in the economy. He also highlighted the need to give due attention to the necessary reforms and incentives in the agriculture sector.

Shri Atul Sobti, while hailing the Budget announcements made by Union Finance Minister, said that the budget focusing on all segments of the industry is indeed a 'budget for all'. He appreciated the infrastructure focus of the budget and highlighted the role of the Public Sector Enterprises in meeting the desired infrastructure spending given their significant presence in strategic sectors of the economy. CA Pramod Jain in his address was also appreciative of the budget and highlighted the focus of the budget on MSMEs and start-ups that would give the necessary push to the manufacturing sector in the country. He also highlighted the intent of the Budget to make India a hub of both manufacturing and tourism, which will lead to overall economic growth.

> The recording of this program is available on SCOPE's official website: www.scopeonline.in



CA Pramod Jain, Council Member, ICAI addressing the participants during the program.

National Meet of WIPS under the aegis of SCOPE

Forum of Women in Public Sector (WIPS) under the aegis of SCOPE organized its 33rd National Meet themed 'Shakthi 5 S - Strong, Sincere, Smart, Synergetic and Sustainable' on 10th and 11th February, 2023 in Kolkata. The program was inaugurated by Chief Guest, Shri Atul Sobti, DG, SCOPE and Guest of Honour, Shri M. K. Singh, IPS, Commandant General & Director General of Police (Home Guard), West Bengal. Dr. C. Dharini Mouli, President, WIPS APEX; Smt. Anju Gupta, Vice President, WIPS APEX, CMDs, Directors, and senior officers of the Public Sector fraternity were also present during the inauguration. The National Meet was attended by over 600 women employees, who joined the meet from across the country.

Inaugurating the meet, Shri Atul Sobti complimented WIPS on developing itself as a strategic forum for women in the Public Sector. He gave five mantras of being assertive, committed, smart working, and the need for knowledge sharing, and skill building to ensure greater growth of women in the corporate world. While highlighting the efforts of the government for women's development and welfare, he encouraged women employees and WIPS to optimize the opportunity to embrace larger roles and play a constructive role in developing leaders of tomorrow.



Shri Atul Sobti, DG, SCOPE; Shri M. K. Singh, IPS, Commandant General & Director General of Police (Home Guard), West Bengal; Dr. C. Dharini Mouli, President, WIPS APEX and other senior officers of WIPS during the Meet.

Shri M. K. Singh during his address complimented the forum for organizing the program successfully. He highlighted that while Indian women are culturally and emotionally balanced, they need to identify their potential to guide themselves towards success. He expressed that women are bringers of life and impart values and one should never underestimate their power. He stressed on the need for change in mindsets of not only the women but the society at large to recognize their true potential and move forward.

Various awards were given to women employees to recognise women achievers and PSEs for undertaking developmental work for women, and to PSEs for empowering women.



Dignitaries during the lighting of lamp.

WIPS Awards to PSEs





































CMDs' Session and Directors' Session was related to the National Meet Theme



Commodore P R Hari, IN(Retd.), CMD, GRSE



Smt. Ahuti Swain, Director (Personnel), ECL "Be the one to lead and change the world. Let us join our hands together and realise our strength within."



Smt. Sukla Mistry, Director (Refineries), IOCL "It is not about Women Empowerment. It is about the Power of Women"



Shri R. S. Manku, Director (Planning), Andrew Yule & Co. Ltd. "Put forward the question Who is going to stop me?"

WIPS TEAM



Interface with Stakeholders

SCOPE at Consultative meeting on G20 Education Agenda by NIEPA



Shri Atul Sobti, DG, SCOPE chaired a session on 'Building Capacities, Promoting Life-long learning in the context of the Future of Work' at the Consultative meeting on the G20 Education Agenda by The National Institute of Educational Planning and Administration (NIEPA) various policymakers and stakeholders participated in the meeting.

DG, SCOPE meeting with Stakeholders in Kolkata



DG, SCOPE met Shri Adika Ratna Sekhar, CMD, Balmer Lawrie & Co. Ltd. and Member, SCOPE Executive Board at Balmer Lawrie & Co. Ltd.'s corporate office.





DG, SCOPE visited Shri Surinder Kumar Gupta, CMD, MSTC Limited in the presence of Shri Subrata Sarkar, Director (Finance), MSTC and Smt. Bhanu Kumar, Director (Commercial), MSTC and held various discussions.

DG, SCOPE meets Shri Rajesh Kumar Singh, CMD, Bridge and Roof Co. (I) Limited.



DG, SCOPE met Shri Vinay Ranjan, Director (P&IR), Coal India Limited (CIL) and discussed various pertinent issues. During his visit he also met Shri Pramod Agrawal, CMD, Coal India Limited.

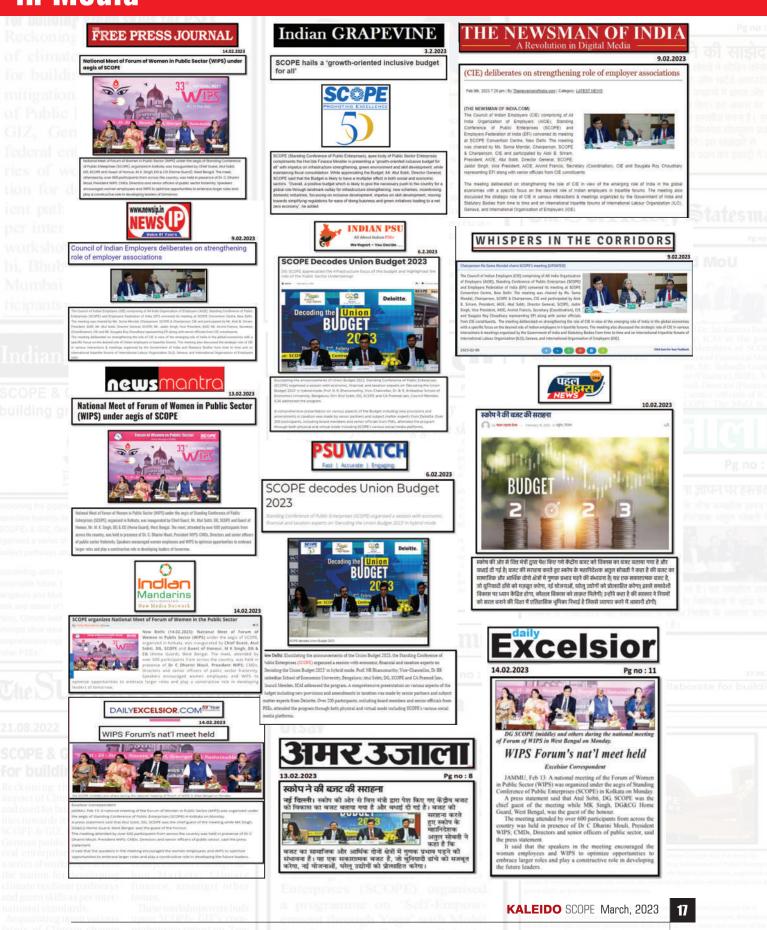


DG, SCOPE's meeting with officials from Steel Authority of India (SAIL) at Kolkata office.

SCOPE



in Media





Standing Conference of Public Enterprises (SCOPE)

(an apex body of PSEs) invites applications on

Deputation Basis

for

Technical DGM | Sr. Manager/Manager | Dy. Manager/Asst. Manager

> Corporate Affairs DGM | Dy. Manager

Legal Senior Manager

Corporate Communications Asst. Manager

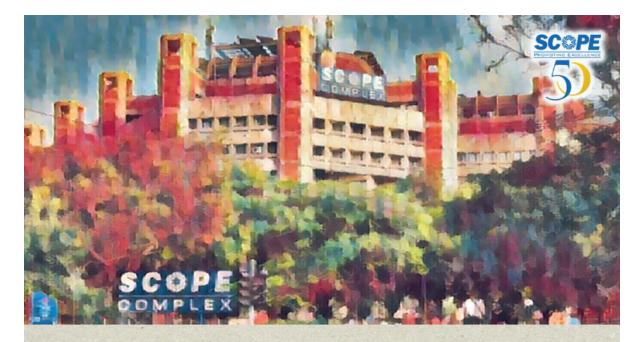
Hospitality Management Sr. Manager/Manager

For Further details or to apply visit : www.scopeonline.in

💿 pr.scope 🚹 OrgSCOPE 💿 PrSCOPE 🂟 PSUSCOPE 🎁 SCOPE 🮇 www.scopeonline.in



Scan to visit our Website



PSU Club Facility at SCOPE Complex

SCOPE is setting up first-of-its-kind Club Facility for the entire Public Sector Fraternity at SCOPE Complex, Lodhi Road.

SCOPE invites suggestions and guidance with regard to possible areas to be addressed and ideas to be incorporated in developing this aspirational club facility.

This aspirational project can only be realized successfully with your support and participation. We look forward to your valuable inputs.

Mr. Shubh Ratna, GM (Tech. & HR), SCOPE (Mob: 9873398242), shall be available for any further clarification/information on the subject.

Suggestions may be shared with us on shubhratna@scopeonline.in/scopedg@scopeonline.in

Chennai Petroleum Corporation Limited Women Cell Activities



Swachhata Pakhwada 2021

As part of Swachhata Pakhwada, on 08.07.2021, sanitary hygiene kits were distributed to the girl students of Vadagarai Girls HSS, Kottur, Madhavaram by CPCL Women Cell and women employees to create awareness among the students on hygiene and sanitation. Sanitary hygiene kit was prepared in coordination with Indian Development Foundation and contains sanitary pads, under garments, cloth, towel for usage for a period of one year. 100 numbers of girl students were benefited by this programme.

Webinar on Sensitisation On Posh Act 2013

A webinar on Prevention of Sexual Harassment (POSH) at workplace was conducted on 11th August, 2021. The webinar was attended and benefited by 33 women employees of CPCL. The webinar was chaired by Ms. Rohini Monica, Social worker from Women's Education and Economic Development Society (WEEDS) NGO.

Webinar on Quest for Excellence through Planning

A training programme through webinar was conducted on 16th



August, 2021 on the topic Quest for Excellence through Planning. The webinar was attended and benefited by 18 women employees of CPCL.

New Comfort Station for Women Employees

The Management of CPCL has provided a new Comfort Station



for the women employees of CPCL. The comfort station is a very spacious room with toilet and bed facilities. There is also an Elliptical trainer exercise machine provided for the exclusive use of the women employees. There is also a full time lady gynecologist on duty for any support of the women employees. Several women employees are regularly benefiting from this comfort station.

Seminar on Emotional Resilience and work life balance

A virtual seminar on the above topic hosted by SCI was attended by 4 women employees on 4th September, 2021. In addition to women employees, 2 men employees of CPCL were also nominated for the programme.

Women's Day celebrations

Women's Day 2022 was celebrated on 8th March, 2022. The topic for the celebrations was "Gender equality today for a sustainable tomorrow". The Chief Guest of the day Ms. I S Mercy Ramya, IAS, Joint Commissioner (ST), Government of Tamilnadu delivered the keynote address. A talk session on "You are important" by Brahma Kumari Sr. Kousalya was also conducted. There was also a fun time session by an Event Management Team. A total of 85 participants including serving and retired women employees attended the programme.

Yoga Session for Women Employees

A Yoga session for the wellness of women employees was



conducted on 10th May, 2022. Around 20 women employees participated in the session and benefited from the programme.

Training on Leadership Development

A training programme for women executives on "Leadership development as an intervention for Organisational Excellence" was conducted on 9th June, 2022. The session was handled by eminent faculties from Jaipuria Institute of Management. Around 25 women executives participated in the session and benefited from the programme.

Medical Camp for women contract workers

CPCL women cell organized a medical camp for the women contract workers of CPCL. The camp



Training for Women Executives of CPCL on "Leadership Development as an Intervention for Organizational Excellence" conducted on 9th June, 2022 at RESOT. Director (Finance) inaugurated the programme.





was conducted from 4th July, 2022 to 8th July, 2022. Around 130 women contract workers were screened in the medical camp. Doctors from Kauvery Hospital Chennai attended the camp and reviewed the women workers. Blood tests and other physical tests were conducted.

HarGharTiranga Campaign for women contract workers

As part of Azadi Ka Amrit Mahotsav, the Culture Ministry planned a large-scale campaign to encourage Indians to fly the national flag at their homes to mark the 75th Independence Day. Accordingly, CPCL Women Cell



organized an awareness campaign on 4th July, 2022 at OHS among the Contract Women workers to inspire them to hoist the National Flag as a part of 'HarGharTiranga' programme.

Mrs. Poornima Shankar, w/o. Mr. Shankar H, Director (Technical) inaugurated the campaign. The idea behind this initiative is to invoke the feeling of patriotism in the hearts of citizens and promote awareness about our National Flag.

Yoga Session for women employees

Following the success of an earlier yoga session for the women employees, women cell, under the guidance of Yoga Master Shri Anand organized a wellness through yoga and yoga therapy for the women employees on 2nd December, 2022. Around 20 women employees participated in the session and benefited from the programme.

Self Defence and Motivation Programme for Women Apprentice Trainees

Women Cell, in association with the Administration department organized for a self defence and motivation programme for the women apprentice trainees in CPCL on 20th and 23rd January, 2023 in two batches. Around 69 women apprentices attended and benefited from the programme. The programme was conducted by trainers, Ms. Jayalalitha from Skillwise consulting, Chennai and Ms. Abishankari from Meru Consulting, Chennai.



AVNL- The Shining Morn



In a historic reform initiative, the Government of India decided to corporatize the erstwhile Ordnance Factory Board and 7 new DPSUs were formed out of the erstwhile OFB units. AVNL is one of them. AVNL was incorporated as a fully owned Government of India Company under the Companies Act 2013 on 14.08.2021 and commenced its business from 1.10.2021 (the Appointed Date). Born during the 'Amrit Kal' and 'Azadi Ka Amrit Mahotsav' of our Nation, AVNL is now a 'Shining Morn' in the firmament of defence production as the Company is and shall always strive to be a strong pillar of 'Aatmanirbhar Bharat'



Short Journey- Long Strides

The journey of AVNL has been truly extraordinary. As the two century old government organization started its transformational journey towards corporatization, the onerous responsibility of steering this difficult transition fell on the shoulders of the Board of Directors supported by all the stakeholders. The tasks and challenges that confronted AVNL were daunting and enormous in the first six months of its operation. The onslaught of second wave of COVID-19 pandemic was a double whammy. COVID had not only led to loss of lives and livelihoods, it also created unprecedented global disruption in supply chain, impacting the availability and prices of key inputs. We devised strategy,

approach and concrete action plans to navigate those turbulent times to essentially perform while we transformed. Our strategy and approach for this phase was to successfully manage this transition. Important milestones for this period are; Setting up our corporate structure, Reorganising our Unit structure, Reviving and re-instating the preeminence of quality, cost and delivery, Establishing new functionalities and last but not the least, Creating a new, vibrant, positive culture for the organisation.

Performance Highlights

AVNL has performed exceptionally well, with the help of support and cooperation of the shareholders. The Government of India, Ministry of Defence, Department of Defence Production acted like



true guardian and held our hands in these crucial times. Delivering a Year of Record Performance FY 2021-22 saw our Company achieving a turnover of INR 2569.26 crores/- in its 6 months of operation. The Profit After Tax for AVNL in FY 2021-22 has been 54.19 crores/-. This in itself is a tremendous achievement as we were able to turn around a group of loss making units and convert them into profit making venture. FY 2021-22 was also an exceptional year from the order book perspective. We further strengthened our order book position by obtaining contracts. AVNL received an indent of 118 MBT Arjun MK-I Alpha from Indian Army worth INR 9,000 crores/- approximately. Our order book position now stands at INR 37,006 crores/- as on 1.04.2022.

Exports

AVNL is foraying International Defence Market for exploring new avenues and possibilities. As a modest beginning, AVNL exported 14.5 mm Artillery Trainers to Egypt. Further, AVNL is exploring the export opportunities and interacting with Defence Attaches of various countries and Channel Partners engaged by us in this regard, AVNL has received export leads worth Rs. 1500 crores/-.

Modernization Plans

AVNL is enhancing the production capacity through Modernization of Plant & Machinery and has planned CAPEX of Rs. 300 crores/- in next 3 years. AVNL continuously strives to achieve further modernization by focusing on areas of Industry 4.0, Internet of things (IoT). Our 3 production units have recently taken projects for Artificial Intelligence.

Aatmanirbhar Bharat

One of the avowed missions of your Company is to be a 'Prominent Patron of Aatmanirbhar Bharat' Movement. Towards 'Aatmanirbharta in Defence', AVNL has taken up for indigenisation of 38 major Line Replacement Units (LRUs) i.e. major sub assemblies of Tank T-72, Tank T-90, BMP-II and MBT Arjun. Till this time, 05 LRUs namely Starter Generator, Decontamination Set, Link Loading Machine Assembly, Electric Motor for T-90 and Gyro Drift Indicator GPK-59 for BMP II have already been successfully indigenized.

R&D and Innovation

AVNL's continuous strive under Mission Raksha Gyan Shakti (MRGS) resulted in the company filing 14 patents, 5 copyrights and 5 Trademarks so far as an effort towards enhancing the company's intellectual capital. Under iDEX (Innovation for Defence Excellence) program, to promote Start-Ups and to solve complex issues, AVNL has thrown 03 challenges and 02 firms for each of these challenges are being considered. Also, it is planned to invest Rs. 60 crores/- in next 3 years for in-house R&D activities & projects like Futuristic Infantry Combat Vehicle (FICV), Light Tank, Armament Upgrade of BMP-II, Mobility upgrades of Engine. AVNL has signed MoUs with various DPSUs, Govt. Agencies such as Tamil Nadu Industrial Development Corporation (TIDCO), Uttar Pradesh Express Industrial Development Authority (UPEIDC), academic institutions such as IIT Madras, foreign OEMs such as JSC Rosoboron Export, Russia, Elbit Land Systems, Israel and other Indian major private players such as Ashok Leyland and Bharat Forge Limited for collaboration of future products or assistance in this regard.

CSR

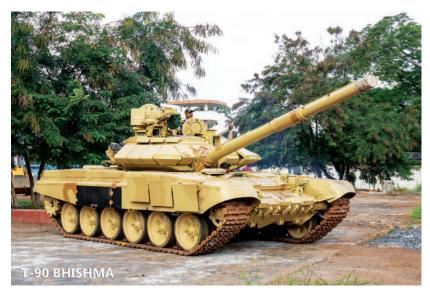
Even though AVNL is a new company, it strives to model it-self as an ideal corporate citizen.

ARTICLE

Keeping the 'Triple P' (People, Planet and Profit) philosophy as a foundational principle of our business operations, AVNL is committed towards Corporate Social Responsibility (CSR). As mandated under the Companies Act, AVNL has formulated the CSR policy and has also approved various activities permitted in this regard. AVNL has undertaken a project on "Clay Athletic Track (400 mts) within Infrastructure in Sports Stadium" located in Asifabad District, Telangana State (An Aspirational district) with an estimated cost of Rs. 23.55 lakhs as part of CSR. AVNL has also donated 500 Flags to school children under HarGharTiranga programme. Many such initiatives are in the pipeline.

Sustainability-Eco Initiatives

AVNL has taken various steps to improve water conservation such as Rain water harvesting, De-silting & restoration of water bodies, installation of bore water and re-use of re-cycled water etc., in all units. This has led to recurring savings of Rs. 3.45 crores/-. per annum, AVNL has taken appropriate action to changeover to LED lights resulting in total savings of Rs 2.47 crores/- per annum. Also, installation of Solar Power Plant at AVNL units in



HVF and OFMK are providing recurring savings Rs. 3.10 crores/-per annum.

Journey Ahead.....

Overall, our intent is to retain leadership position in armoured vehicles manufacturing. We have established strategies and initiated actions to rise above competition and maintain a technological edge. We intend to do this by staying abreast with latest technologies and meet the changing requirements of customers with thrust on cost-effective and innovative solutions. Roadmaps have been drawn for future products, new technology areas, creation of IPRs and acquisition of key technologies. We have several prestigious orders lined up and will be focussed on executing them with perfection and on time. While the opportunities are many, we also anticipate challenges due to geopolitical situations, emerging new technologies, changing policies and regulatory landscapes, competition and evolving customer expectations.

AVNL is a great company with a very bright future. We are market leaders in the domestic market. We have established our credentials and credibility by being able to turnaround and earn profit in the very 1st year of our operation. Our strong order book position will drive our future earnings and put us on the runway of growth and success.



Making Gender equality a future reality



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



Anjali Arora BA (Hons) Economics -Final Year Delhi Technological University

The Perspective

The most important factor in a country's competitiveness is its human talent – the skills and productivity of its workforce. It is the same for a company or an organization.

That's why the proper participation of half the world's population is so important for the well-being of both businesses and countries. Gender equality is not only a fundamental human right, but a necessary foundation for a peaceful, prosperous and sustainable world. At a time when the world is grappling with the urgent consequences of crises like climate change and the global COVID-19 pandemic, gender equality becomes a central concern. Though women comprise more than 50% of the world's population, they only own 1% of the world's wealth. Achieving gender equality isn't just a moral issue- it makes economic sense. Equality between men and women in all aspects of life, from access to health and education to political power and earning potential, is

fundamental to whether and how societies thrive.

Gender equality

The word gender describes the socially-constructed roles and responsibilities that societies consider appropriate for men and women. Gender equality means that men and women have equal power and equal opportunities for financial independence, education, and personal development. Achieving gender equality is about making a real difference in women's lives, particularly in labor contexts. It involves a substantive shift not only in the proportion of men and women under specific indicators, but in the deeper dimensions of societal norms and sense of identities - to be valued and respected equally, regardless of gender. If gender equality is to be realized, efforts need to go beyond achieving statistics for gender parity.

Gender equity often gets pegged as "a women's issue" and because of this, is often left to women to address. Some men might even feel uncomfortable participating in discussions around gender because they might assume it's not their place. But in reality, we're unlikely to ever reach true gender equity in the workplace unless everyone gets involved – particularly men.

Gender parity and growth

As the adage carries, a woman is the 'architect of a family, a nation, and the whole world.' Thereby, the growing conversation about the acute need for gender equality in India makes imminent sense. Moreover, the realization is mounting that equality is no more a women-centric issue but an economic one. It's only in an equal society that organizations and nations will realize their fullest potential and prosper. Women are still fighting for equality, equity, and inclusion in the workplace. Promoting gender equality is about shaping our shared future, and is firmly in our national interest. It is about creating opportunities for girls and women to enjoy their rights and to contribute to their country's growth and economy, to shape their communities and their countries' futures.

While international attention to gender issues has grown over the past few years, recent events and new global challenges have made it necessary to actively pursue efforts towards the realization of gender equality and women's rights across the world. Although we are getting closer to gender parity, change isn't happening fast enough. For the past decade, we've been measuring the pace of change through Global Gender Gap Report and at current rates, it would take the world another 118 years – or until 2133 – to close the economic gap entirely.

Throughout the world, women and girls perform long hours of unpaid domestic work. In some places, women still lack rights to own land or to inherit property, obtain access to credit, earn income, or to move up in their workplace, free from job discrimination. At all levels, including at home and in the public arena, women are widely underrepresented as decision-makers.

As the World Bank Group's Women, Business, and the Law 2020 points out, "equality of opportunity is good economics." Indeed, it is estimated that women's lagging participation in employment and entrepreneurship cost the world about 15 percent of its GDP. In considering a "full potential" scenario in which women participated in the economy identically to men, McKinsey concluded that this would add \$28 trillion (26 percent) to annual global GDP by 2025 as compared to business as usual.

Advancing gender equality is not just an opportunity for countries; companies also stand to gain. McKinsey research on Diversity Matters (2015), on Delivering through Diversity (2018), and most recently in May 2020 on Diversity Wins examined whether companies with higher levels of both gender and ethnic diversity have greater economic performance. The 2020 research examined a data set of more than 1,000 large companies in 15 countries and found that companies in the top quartile for gender diversity were

25 percent more likely to have above-average profitability than companies in the fourth quartile. Companies in the top quartile of ethnic and cultural diversity were 36 percent more likely to outperform on profitability.

Organizations play a very important part in shaping factors like gender equality in the world. As such it is vital that workplaces focus their internal and external objectives on achieving this very goal. The benefits of having a gender equal environment are manifold for businesses - Positive work culture, Innovation & creativity, A strongly positive reputation, Better profits.

Gender equality – Action agenda

Despite rapid economic growth, the explosion of microcredit programs and self-help groups, and laudable efforts to increase women's political participation, gender disparities have remained deep and persistent in India. India has recently been ranked 135th among 146 countries in the annual Global Gender Gap Index for 2022 publication of the World Economic Forum. The Global Gender Gap Index benchmarks the current state and evolution of gender parity across four dimensions: economic participation and opportunity; educational attainment; health and survival, and political empowerment. India ranks poorly among its neighbors and is behind Bangladesh, Nepal, Sri Lanka, Maldives and Bhutan. As per the Union Ministry of Statistics & Program implementation, Labor Force Participation Rate (LFPR) for women in India was only 25.1 percent in 2020-21 for urban and rural women. This is considerably lower than Brazil, Russia, China and South Africa as per the latest World Bank estimates. The LFPR for women in South Africa is 46 percent in 2021. There is also a significant gap in the earnings between men and women in the case of regular and self-employment in urban areas. The average earning is INR 15,996 for men and merely INR 6,626 for women in urban areas in selfemployment. The men's average earning is nearly 2.5 times that of the earnings of women.

A McKinsey Global Institute recently points out that improving women's status and initiating gender equality in India could add \$12 trillion to global growth. Increasing women's labor force participation by ten percentage points could add \$700 billion to India's GDP by 2025. There is ample proof that valuing females is essential towards making a prosperous society and Nation and making communities more prosperous.

Women's empowerment is a critical aspect of achieving gender equality. It includes increasing a woman's sense of self-worth, her decision-making power, her access to opportunities and resources, her power and control over her own life inside and outside the home, and her ability to effect change. Commitment and bold action are needed to accelerate progress, including through the promotion of laws, policies, budgets and institutions that advance gender equality. Diversity and inclusion are not only ethical imperatives; they are essential practices for nation's growth Gender equality yields crucial benefits for countries.

Call for action

There is a need to challenge and change unequal power relations between men and women, and negative attitudes and discriminatory practices that hold women and girls back.

There is an imperative need for immediate focus on Healthcare, Improving Nutrition, Education, Child protection, Social policy and Disaster risk reduction.

Integrate gender equality in all our work across the board and track delivery through to results- on jobs, trade, tax systems and the world economy; new technologies; climate change; nutrition.

Work across girls' and women's lifecycles and on multiple areas simultaneously, with particular attention to adolescence, so that the gains in one area create opportunities elsewhere, and results are achieved at scale.

Build evidence and disaggregate data by sex, age and disability, to track who is reached and who is left behind, and how best to achieve gender equality at scale. Make this information publically available.

All stakeholders need to work together to maintain and accelerate progress on gender equality Need for making action for gender equality more visible.

Establish and execute flexible work arrangements.

Businesses should ensure equal pay, equal treatment, equal access to training and career-building opportunities, Company benefits should reflect the needs of all employees, as well as their families, equal representation on leadership teams, corporate boards, etc.

Leaders need to create a culture that encourages safe communication so topics like inequality can be discussed honestly. Avoid Job segregation. One of the causes for gender inequality within employment is the division of jobs. In most societies, there's an inherent belief that men are simply better equipped to handle certain jobs. Most of the time, those are the jobs that pay the best. This discrimination results in lower income for women.

Pressure from investors, amidst growing evidence that diversity and inclusion positively impact the bottom line, is also driving action. As investors increasingly seek to incorporate genderrelated data in their investment analyses, more companies will be inclined to disclose statistics around equality.

Growing automation adoption adds to the challenges that women face in the workplace. The particular challenge for women is that long-standing barriers make it harder for them to adapt to the future of work. Women and men alike need to develop (1) the skills that will be in demand; (2) the flexibility and mobility needed to negotiate labor-market transitions successfully; and (3) the access to and knowledge of technology necessary to work with automated systems, including participating in its creation.

Give proper consideration to "women's work." The unpaid work that women and girls do is what builds the global economy. This fact requires increased attention from the media, the private sector, and communities.

Conclusions

Gender gaps impose real costs on society. Gender inequality is not only a pressing moral and social issue but also a critical economic

challenge. Inclusiveness is at the heart of creating value by fostering innovation and good decision making. Not including the perspectives of half of the population would mean not considering their needs in developing solutions that will lead to a better world. The only way to breathe new life into efforts to meet Sustainable Development Goal 5 is for the main stakeholders to work together on comprehensive solutions to the complex issue of gender inequality. As governments design stimulus programs and companies look for restart strategies in the wake of the pandemic, it will be important not to ignore potential gender consequences; Gender equality and empowered girls and women are fundamental to building prosperous, resilient economies, and peaceful, stable societies. The gains are essential to delivering lasting outcomes across all the Sustainable Development Goals (Global Goals). Gender equality is in everyone's interests. Gender equality and collaboration between people with different perspectives are a necessity to create better results and value for the future.

References

Avaredo, F., Chancel, L., Piketty, T., Saez, E., Zucman, G. (eds.). 2018. World Inequality Report. Campbell, B. 2014. "Why we need a new women's revolution." The Guardian, May Willis, S. 2014. "Policy briefing: Tackling inequality on the road to a just society." Discover

Society 15, World Bank (2014) Voice and Agency: Empowering women and girls for shared prosperity. World Economic Forum (2017) The Global Gender Gap Report 2017.

Health Miracles of drinking healthy water (Part-2)



Dr. H. K. Chopra*

Now to well water. Well water is also very high in organic chemicals and residues from chemical fertilizers and pesticides. They are also usually very high in minerals that can harm the human body. This is what Dr. James Balch, author of Prescription for Nutritional Healing says:

"We believe that the calcium found in hard water is not good for the heart, arteries, or bones. Unfortunately, hard water deposits its calcium and other minerals on the outside of these structures, while it is the calcium that is found within these structures that is beneficial to the body."

There is usually an imbalance of minerals in well water and usually the pH is low. That makes it an acid, and drinking acidic water is definitely detrimental to your health.

In order to be in the best of health it is very important to drink purified water. The best way to ensure the quality of your water is to purify it yourself, using a home purification system. When you buy water at the store, it often comes in the plastic containers that look like milk jugs. The plastic that these jugs are made from is designed to degrade so that they will deteriorate in the landfills. The problem with this is that the chemicals from the jug will leach out into the water and pollute it with chemicals like PVC's and other contaminants. It is important that the containers that you use to hold liquids that you intend to put into your body have a "1" or a "7" in the recycle triangle. These forms of plastic are generally regarded to be safe.

The best way to ensure the best quality for your family is to purify it yourself with a home purification system. There are many different kinds and you need to make a wise choice to buy what is best. Some of the systems will actually grow bacteria in them once they are contaminated with bacteria!

Please look at the chart below:

Water Distillers are simply the

Water Purifier Performance Comparison							
Contaminant	Steam Distilled	Reverse	carbon	Carbon filter	ceramic	ceramic	
	w/carbon	Osmosis	filter	w/silver	filter	filter w/carbon	
Microorganisms	YES	NO	NO	PARTIAL	YES	YES	
Heavy metals	YES	PARTIAL	NO	NO	NO	NO	
Organic Chemicals	YES	YES	YES	YES	NO	YES	
Inorganic Chemicals	YES	PARTIAL	NO	NO	NO	NO	
Radioactive minerals	YES	PARTIAL	NO	NO	NO	NO	

* Sr. Consultant Cardiologist Medanta Moolchand Heart Institute, Chairman CME, Moolchand Medcity, New Delhi, Chairman, WWF, WHA, Country Head, AHA, Former National President, CSI & IAE, Former National Editor in Chief, IHJ, JIAE, Editor in Chief, Top 12 Textbooks of Cardiology, National Chief Advisor Health Committee SCOPE, National Awardee, Science & Technological Communications, MST, DST, Govt. of India.

best way to purify water for you and your family. Distillation will kill and remove bacteria, viruses, cysts, as well as, heavy metals, radionuclides, organic and inorganic chemicals, and particulates.

When we make distilled water from our tap well water, the small amount of water that is left behind is concentrated with all the residue from the whole gallon. It is actually quite disgusting to look at, much less drink. When you pour it into a clear glass it is yellowish in color and you can see particles floating in it. I used to be quite ill when I used to drink that water.

Here is a side note about water distillers.

In order for a distillation unit to be effective, it must have a vent in it to allow the lower boiling point chemicals to escape before they condense and go into your water. Also, it is very important that there is a post carbon filter to filter your water one last time before it goes into your container. This post carbon filter will absorb any organic chemicals that can go through the system. This carbon filter also gives the water a good taste by "polishing" the water molecules.

There are some people that proclaim that distilled water will leach the minerals out of your body, leaving you minerally deficient, but this is not true. In their best-selling health and diet book, Fit for Life II: Living Health, Harvey & Marilyn Diamond write:

"Distilled water has an inherent quality. Acting almost like a magnet, it picks up rejected, discarded, and unusable minerals and, assisted by the blood and the lymph, carries them to



the lungs and kidneys for elimination from the body. The statement that distilled water leaches minerals from the body has no basis in fact. It doesn't leach out minerals that have become part of the cell structure. It can't and won't. It collects only minerals that have already been rejected or excreted by the cells...To suggest that distilled water takes up minerals from foods so that the body derives no benefit from them is absurd."

Dr. James Balch and Dr. Andrew Weil also are proponents of distilled water.

The only water that we drink and cook with is distilled water that we make ourselves. When we first did this we noticed better health right away. We also noticed that our food tasted better when we used it for cooking. We use the Coral Calcium supplement to add the proper forms of minerals to the water. To be sure, there is a great controversy surrounding the use of distilled water. Distilled water is very reactive, making it the best form for transporting minerals and oxygen in the bloodstream, but it is also very aggressive at leaching chemicals out of the plastic bottles if you buy your distilled water. Because it may leach out some of the unwanted minerals out of your body, your body may become slightly more acidic, because even the unwanted minerals may keep the pH level stabilized. But when you add the minerals of the proper form (biological and ionic), the water becomes very alkaline and gives you the health benefits that you are looking for, without the toxic effects of the wrong forms of minerals. Drinking only distilled water, without supplementing with the proper forms of minerals, may not be a good idea, unless you are doing it temporarily to detoxify your body. But we have seen phenomenal results with distilled water fortified with the ionic minerals that are in our coral calcium, when it is used on a continual basis. I, for one, would not drink exclusively distilled water without the Coral Calcium supplement.

So, what you are doing, basically, with Coral Calcium enriched distilled water, is to remove the inorganic, random, large sized, minerals from the water, and replacing them with the biologically active ionic form of over 70 different minerals, all in the right proportions to one another. Because the water is distilled and mostly 6-sided forms, all of those minerals are transported by the blood very effectively to be used where they are needed. This is the key. I really do believe that this is the very key to the understanding of what type of water to drink. I have seen many people completely recover from all types of degenerative diseases, using coral calcium fortified distilled water.

In conclusion, since your body is made up of 70% water, and water is involved with every function of your body and intercellular communication, it makes sense to drink the best quality of water that is possible. If you are doing everything else to try to be healthy, including exercise, food supplementation, proper rest, etc., don't neglect the importance of drinking the proper form of water. I know it made a difference in my life. It is not my purpose to tell you everything about water and it's important functions. It would fill a whole book, but I hope that you will learn more about water and it's effect in our bodies.

Health Miracles of Water Drinking

AMAZING SECRETS OF WATER FOR HEALTH AND WELLNESS

Q. Does Water prevents and cures heartburn?

A. Heartburn is a signal of water shortage in the upper part of the gastrointestinal tract. It is a major thirst signal of the human body. The use of antacids or tablet medications in the treatment of this pain does not correct dehydration, and the body continues to suffer as a result of its water shortage.

Tragedy: Not recognizing heartburn as a sign of dehydration and treating it with antacids and pill medications will, in time, produce inflammation of the stomach and duodenum, hiatal hernia, ulceration, and eventually cancers in the gastrointestinal tract, including the liver and pancreas.

Q. Does water prevents and cures arthritis?

A. Rheumatoid joint pain - arthritis - is a signal of water shortage in the painful joint. It can affect the young as well as the old. The use of pain-killers does not cure the problem, but exposes the person to further damage from pain medications. Intake of water and small amounts of salt will cure this problem.

Q. Does water prevents and cures back pain?

A. Low back pain and ankylosing arthritis of the spine are signs of water shortage in the spinal column and discs - the water cushions that support the weight of the body. These conditions should be treated with increased water intake - not a commercial treatment, but a very effective one.

Tragedy: Not recognizing arthritis and low back pain as signs of dehydration in the joint cavities and treating them with painkillers, manipulation, acupuncture, and eventually surgery will, in time, produce osteoarthritis when the cartilage cells in the joints have eventually all died. It will produce deformity of the spine. It will produce crippling deformities of the limbs. Pain medications have their own lifethreatening complications.

Q. Does water prevents angina?

A. Heart pain - angina - is a sign of water shortage in the heart/ lung axis. It should be treated with increased water intake until the patient is free of pain and independent of medications.

Medical supervision is prudent. However, increased water intake reduce the risk of repeated episodes of angina.

Q. Does water prevents migraine?

A. Migraine headache is a sign

of water need by the brain and the eyes. It will totally clear up if dehydration is prevented from establishing in the body. The type of dehydration that causes migraine might eventually cause inflammation of the back of the eye and possibly loss of eye sight. Adequate water intake may reduce the frequency of migrainous headache.

Q. Does water prevents Colitis?

A. Colitis pain is a signal of water shortage in the large gut. It is associated with constipation because the large intestine constricts to squeeze the last drop of water from the excrements - thus the lack of water lubrication.

Tragedy: Not recognizing colitis pain as a sign of dehydration will cause persistent constipation. Later in life, it will cause fecal impaction: it can cause diverticulitis, hemorrhoids and polyps, and appreciably increases the possibility of developing cancer of the colon and rectum.

Q. Does water prevents Asthma?

A. Asthma, which also affects 14 million children and kills several thousand of them every year, is a complication of dehydration in the body. It is caused by the drought management programs of the body. In asthma free passage of air is obstructed so that water does not leave the body in the form of vapor - the winter steam. Increased water intake will prevent asthma attacks. Asthmatics need also to take more salt to break the mucus plugs in the lungs that obstruct the free flow of air in and out of the air sacs.

Tragedy: Not recognizing asthma as the indicator of dehydration in

the body of a growing child not only will sentence many thousands of children to die every year, but will permit irreversible genetic damage to establish in the remaining 14 million asthmatic children.

Q. Does water prevents high blood pressure?

A. Hypertension is a state of adaptation of the body to a generalized drought, when there is not enough water to fill all the blood vessels that diffuse water into vital cells. As part of the mechanism of reverse osmosis, when water from the blood serum is filtered and injected into important cells through minute holes in their membranes, extra pressure is needed for the "injection process." Just as we inject I.V. "water" in hospitals, so the body injects water into tens of trillions of cells all at the same time. Water and some salt intake will bring blood pressure back to normal!

Tragedy: Not recognizing hypertension as one of the major indicators of dehydration in the human body, and treating it with diuretics that further dehydrate the body will, in time, cause blockage by cholesterol of the heart arteries and the arteries that go to the brain. It will cause heart attacks and small or massive strokes that paralyze. It will eventually cause kidney disease. It will cause brain damage and neurological disorders, such as Alzheimer's disease.

Q. Does water prevents early adult-onset diabetes?

A. Adult-onset diabetes is another adaptive state to severe dehydration of the human body. To have adequate water in circulation and for the brain's priority water needs, the release of insulin is inhibited to prevent insulin from pushing water into all body cells. In diabetes, only some cells get survival rations of water. Water and some salt will reverse adultonset diabetes in its early stages.

Tragedy: Not recognizing adultonset diabetes as a complication of dehydration will, in time, cause massive damage to the blood vessels all over the body. It will cause eventual loss of the toes, feet and legs from gangrene. It will cause eye damage, even blindness.

Q. Dose water lowers blood cholesterol?

A. High cholesterol levels are an indicator of early drought management by the body. Cholesterol is a clay-like material that is poured in the gaps of some cell membranes to safeguard them against losing their vital water content to the osmotically more powerful blood circulating in their vicinity. Cholesterol, apart from being used to manufacture nerve cell membranes and hormones, is also used as a "shield" against water taxation of other vital cells that would normally exchange water through their cell membranes.

Q. Does water cures depression, loss of libido, chronic fatigue syndrome, lupus, multiple sclerosis, muscular dystrophy?

A. These conditions are caused by prolonged chronic dehydration. They will clear up once the body becomes well and regularly hydrated. In these conditions, exercising one's muscles should be part of the treatment program.

Q. Does dehydration also causes neurological and autoimmune disorders?

A. Persistent dehydration inside

some vital cells, in its extreme stages, will result in a number of disruptive conditions that have been labeled as different diseases – depending on the specialty of the "medical specialist" who first labels the problem. The initial stages of these health problems will begin by the loss of some of the most essential amino acids that get used up as detoxifying agents – antioxidants, when the person is not producing enough urine to get rid of the toxic waste of metabolism.

Since brain activity desperately depends on the presence of some of these amino acids, their depletive overuse will result in an inadequate presence of certain neurotransmitters – such as serotonin, tryptamine, melatonin and indolamine that are made from the amino acid tryptophan; or adrenaline, noradrenalin and dopamine that are made from the amino acid tyrosine.

As a result of an imbalance in the neurotransmitter composition of the brain, and based on proportionate depletion of a number of primary elements, a wide range of health problems have been recognized by the medical profession. Instead of recognizing these conditions as "deficiency disorders, they have been labeled as "diseases of unknown cause." In short, when dehydration produces health problems, instead of correcting the dehydration and its metabolic complications, people are given toxic medications.

These conditions have received various labels. Most frequently used labels are: depression, impotence, anxiety neurosis, chronic fatigue syndrome, attention deficit disorder in children. At more serious pathological stages, they are labeled as autoimmune diseases – such as insulin-dependent or juvenile diabetes, lupus, multiple sclerosis, muscular dystrophy, amyotrophic lateral sclerosis (Lou Gehrig's disease), Parkinson's disease, Alzheimer disease, and even AIDS.

These conditions are caused by prolonged chronic dehydration and the metabolic complications of dehydration.

"It is chronic dehydration that causes the pains and degenerative diseases of the human body." It is clinically and scientifically clear that the human body has many distinct ways of showing its general or local water needs. Depending on where there is water shortage, many localized complications such as asthma are produced. We believe this information has been methodically and fraudulently concealed until now. Over 18 years of research has now revealed a simple natural cure for so many painful and serious health problems. It is called "WATER CURE."

Based on more than twenty years of clinical and scientific research into the role of water in the body, a pioneering physician and the acclaimed author of Your Body's Many Cries for Water shows how water - yes, water! - can relieve a stunning range of medical conditions. Simply adjusting your fluid and salt intakes can help you treat and prevent dozens of diseases, avoid costly prescription drugs, and enjoy vibrant new health. Discover:

The different signals of thirst and chronic dehydration in your body

How much water and salt you need each day to stay healthy

Why other beverages, including tea, coffee, and sodas etc. They cannot be substituted for water

How to naturally lessen, even eliminate, symptoms of asthma and allergies

How to help prevent life-threatening conditions such as heart failure, stroke, Alzheimer's disease, Parkinson's disease, and cancer

How hypertension may be treated naturally, without diuretics or medication

Why water is the key to losing weight without dieting

How to hydrate your skin to



combat premature ageing

Q. Arthritis and Back Pain: Why They are the Same Disease!

A. Rheumatoid Joint Pain -Arthritis - is a signal of water shortage in the painful joint. It can affect the young as well as the old. The use of pain-killers does not cure the problem, but exposes the person to further damage from pain medications. Intake of water and small amounts of salt will cure this problem. Low Back Pain and Ankylosing Arthritis of the Spine are signs of water shortage in the spinal column and discs - the water cushions that support the weight of the body. These conditions should be treated with increased water intake not a commercial treatment, but a very effective one.

Tragedy: Not recognizing arthritis and low back pain as signs of dehydration in the joint cavities and treating them with painkillers, manipulation, acupuncture, and eventually surgery will, in time, produce osteoarthritis when the cartilage cells in the joints have eventually all died. It will produce deformity of the spine. It will produce crippling deformities of the limbs. Pain medications have their own lifethreatening complications.

Q. What type of water Filter do you need?

A. Reverse Osmosis : Reverse Osmosis, when properly configured with sediment, carbon and/ or carbon block technology, produces pure water that is clearly the body's choice for optimal health. It is the best tasting because it is oxygen-rich. This is the first choice for internal consumption, particularly if revitalized with essential energy technology! A Reverse Osmosis system removes virtually all: Bad taste, odor, turbidity, organic compounds, herbicides, insecticides, pesticides, chlorine and THM's, bacterial, virus, cysts, parasites, arsenic, heavy metals, lead, cadmium, aluminum, dissolved solids, sodium, calcium, magnesium, inorganic dead dirt minerals, fluoride, sulfates, nitrates, phosphates, detergents, radioactivity, asbestos.

Water Distillers

Water distillers have a high energy cost (approximately 20 – 30 cents per gallon). They must be carbon filtered before and/or after to remove volatile chemicals. It is considered "dead" water because the process removes all extra oxygen and energy. It has no taste. It is still second only to reverse osmosis water for health. Diet should be rich in electrolytes as the aggressive nature of distilled water can "leech" electrolytes from the body.

Filtered Water

Carbon Block Filters improve taste and odor, reduce, turbidity, remove chlorine and THM's remove organic chemicals, pesticides, herbicides, and insecticides, and may remove some bacteria, cysts and parasites, radioactivity and asbestos fibers. A carbonblock filter can also remove some heavy metals. They do not remove fluorides, virus, dissolved solids such as salt, sodium, calcium/magnesium and inorganic minerals as well as phosphates and detergents. Manganese, iron, metallic dead dirt minerals, hydrogen sulfide/sulfates, arsenic, aluminum, dissolved lead,

nitrates and heavy metals also remain in the water. (Some specially treated carbon block units have excellent lead removal).

Granular Activated Carbon Filters improve taste and odor, reduce turbidity, remove chlorine and THM's, organic chemicals, pesticides, herbicides, and insecticides. They may control bacteria growth when silver-impregnated. Mercury and radioactivity may also be reduced by this type of filter, Granular Activated Carbon Filters do not remove fluorides, sulfates, nitrates, arsenic, aluminum, metallic dead dirt minerals, salts, sodium, heavy metals, lead calcium, iron, magnesium, virus, bacteria, parasites, cysts, manganese, hydrogen sulfide or asbestos. Back flushing is often recommended for this type of filter. Bacteria may become problem.

KDF/Carbon Combination is similar to a Granular activated carbon filter with additional metal removal capabilities, including lead. Chlorine is converted to chloride by KDF (zinc/copper composite), extending the life of a carbon media bed. This type of filtration helps to minimize biological activity. KDF/Carbon Filters do not remove salts, fluorides, sulfates, nitrates, arsenic, aluminum, dead dirt minerals, phosphates or detergents. They may or may not be effective removing parasites, cysts and asbestos.

Water Softening

Water Softening is a system of ion exchange. Sodium or potassium is exchanged for calcium, magnesium or lead. Chlorine, chlorine by – products and chemicals are not removed by a water softener. These poisons may cause more damage to living organisms in

soft water than in hard water. The body treats the sodium from this source as a poison. This may water retention until the sodium is eliminated. Non-salt alternatives to water softening exist and should be given priority whenever possible. Extensive damage to the environment can be caused by water softeners when salt is used in regeneration. Effective non-salt and non-chemical alternatives exist and are affordable. Traditionally, water softening has been used to treat iron and manganese. The salt regeneration is highly destructive to the environment. Get a complete well water test and have a reputable dealer recommend alternatives to water softening.

Bottled Water

Bottled Spring Water is the least treated of the bottled water and has the highest potential of stress to the body. It is often loaded with dead dirt minerals, salts, fluorides, sulfates and possible heavy metals.

Bottled Drinking Water is not to be trusted unless the label states how the contents were processed. Look for a labels stating "processed by reverse osmosis, activated carbon and ozonation," Otherwise, you could be drinking tap water that has simply seen transferred to a bottle! Water Filtered Through Carbon Only is not acceptable when bottled, since many harmful substances can pass through this type of filtration. Bottled water with Fluoride Added, In recent years, some bottlers are adding fluoride to reverse osmosis or distilled water. This mixture may be poisonous for infants and toddlers. There is enough research

showing the harmful effects of fluoride on all living organisms to justify extreme caution in any use of fluoride internally. There is no document in the hands of the FDA that shows any benefit to the body or teeth when fluoride is taken internally. Not recommended under any circumstance!

Distilled Water is rather dense, has no extra oxygen or energy and can pull electrolytes out of the body. Individuals drinking distilled water should eat lots of fruits, vegetables and minerals to replenish these electrolytes. Distilled water is second only to high quality reverse osmosis for optimum health, although it has a "dead," flat taste. Distilled water is very difficulty to revitalize with energy.

Want a Healthy Heart? Drink Water

It has been reported by Jennifer Warner in May 13, 2002 -- Still not drinking the recommended eight glasses of water a day? Here's one more healthy reason to start. Staying hydrated may protect your heart and reduce the risk of heart attack. A new study shows people who drank more than five glasses of water each day were less likely to die from a heart attack than those who drank fewer than two glasses a day.

Researchers at Loma Linda University in California studied more than 20,000 healthy men and women aged 38 to 100 for six years. The study was published in the American Journal of Epidemiology. They found women who drank more than five glasses of water a day were 41% less likely to die from a heart attack during the study period than those who drank less than two glasses. The protective effect of water was even greater in men. Men who drank more water had a 54% lower risk of a fatal heart attack. But not all liquids were equal. When researchers included the consumption of other liquids such as coffee, tea, juice, milk, and alcohol, the risk of heart attack increased. Women who drank large amounts of liquids other than water were more than twice as likely to die of a heart attack, and non-water drinking men had a 46% increase in risk. Researchers say when people drink water it is absorbed quickly and easily into the bloodstream and thins the blood -- helping to prevent artery-clogging clots. But other liquids require digestion, which may require fluids to move from the blood into the gut -- creating a blood-thickening effect.

It has been further reported that individuals who consume more soft water are more vulnerable to heart attacks due to high sodium content while the hard water which is rich in calcium and magnesium is protective for heart. The addition of chlorine to our drinking water began in the late 1800s and by 1904 was the standard in water treatment, and for the most part remains so today. We don't use chlorine because it's the safest or even the most effective means of disinfection, we use it because it is the cheapest. In spite of all our technological advances, we essentially still pour bleach in our water before we drink it. The long term effects of chlorinated drinking water have just recently being recognized. According to the U.S. Council Of Environmental Quality, "Cancer risk among people drinking chlorinated water is 93% higher than among those whose water does not contain chlorine." Simply

stated chlorine is a pesticide, as defined by the U.S. EPA, who's sole purpose is to kill living organisms. When we consume water containing chlorine, it kills some part of us, destroying cells and tissue inside our body. Dr. Robert Carlson, a highly respected University of Minnesota researcher who's work is sponsored by the Federal Environmental Protection Agency, sums it up by claiming, "the chlorine problem is similar to that of air pollution", and adds that "chlorine is the greatest crippler and killer of modern times!" Breast cancer, which now effects one in every eight women in North America, has recently been linked to the accumulation of chlorine compounds in the breast tissue. A study carried out in Hartford Connecticut, the Firstof-its-kind in North America, found that, "women with breast cancer have 50% to 60% higher levels of organochlorines (chlorination byproducts) in their breast tissue than women without breast cancer." One of the most shocking components to all of these studies is that up to 2/3s of our harmful exposure to chlorine is due to inhalation of steam and skin absorption while showering. A warm shower opens up the pores of the skin and allows for excelerated absorption of chlorine and other chemicals in water. The steam we inhale while showering can contain up to 50 times the level of chemicals than tap water due to the fact that chlorine and most other contaminants vaporize much faster and at a lower temperature than water. Inhalation is a much more harmful means of exposure since the chlorine gas (chloroform) we inhale goes directly into our blood

stream. When we drink contaminated water the toxins are partially filtered out by our kidneys and digestive system. Chlorine vapors are known to be a strong irritant to the sensitive tissue and bronchial passages inside our lungs, it was used as a chemical weapon in World War II. The inhalation of chlorine is a suspected cause of asthma and bronchitis, especially in children... which has increased 300% in the last two decades. "Showering is suspected as the primary cause of elevated levels of chloroform in nearly every home because of chlorine in the water." Dr. Lance Wallace, U.S. Environmental Protection Agency.

Chlorine in shower water also has a very negative cosmetic effect, robbing our skin and hair of moisture and elasticity, resulting in a less vibrant and youthful appearance. Anyone who has ever swam in a chlorinated pool can relate to the harsh effects that chlorine has on the skin and hair. What's surprising is that we commonly find higher levels of chlorine in our tap water than is recommended safe for swimming pools. Aside from all the health risks related to chlorine in our water, it is the primary cause of bad taste and odor in drinking water. The objectionable taste causes many people to turn to other less healthful beverages like soft drinks, tea or other sweetened drinks. A decreased intake of water, for any reason, can only result in a lower degree of health. The good news is that chlorine is one of the easiest substances to remove from our water. For that reason it logically should serve it's purpose of keeping our water free from harmful bacteria and water borne diseases right up to the time of consumption,

where it should then be removed by quality home water filtration. No one will argue that chlorine serves an important purpose, and that the hazards of doing away with chlorine are greater than or equal to the related health risks. The simple truth is that chlorine is likely here to stay. The idea that we could do away with chlorine any time in the near future is just not realistic. It is also clear that chlorine represents a very real and serious threat to our health and should be removed in our homes, at the point of use, both from the water we drink and the water we shower in.

It has been reported in a study at Loma Linda University that the people who drank five to eight glasses of water daily had low risk of coronary artery disease and mortality as compare to those who drank less than two glasses of water in a day. The benefit of adequate WATER drinking of more than eight glasses is much more superior than drinking alcohol or taking a tab of Aspirin. It found that in the six years following the original survey, 246 died of coronary disease, and those people were significantly more likely to be water sippers than water gulpers.

Men who drank five glasses of water or more per day were only 46 percent as likely to die of coronary disease as men who drank two or less.

For women, heavy water drinkers were 59 percent as likely to die of heart problems. But unlike men, they saw about the same benefits if they drank only three or four glasses per day, the study concluded.

20 Health Miracles Of Adequate Water Drinking.

- Prevent coronary artery disease

 Stable angina, unstable angina, and heart attack by reducing the tendency for clot formation, reducing cholesterol, reducing oxidation of cholesterol, reducing hardening of the coronary arteries and hydrating the myocardial cells and improving coronary microcirculation.
- 2. Prevent hypertension– Adequate water drinking may reduce both systolic and diastolic hypertension by reducing the peripheral vascular resistance, cholesterol control and diabetes control and improving the peripheral vascular circulation.
- 3. Prevent diabetes.
- 4. Prevent strokes.
- 5. Prevent Arthritis.
- 6. Prevent osteoporosis.
- 7. Preserve brain function.
- 8. Preserve muscle function.
- 9. Preserve skin texture and prevent skin disease.
- 10. Immuno modulator.
- 11. Prevent cancer.
- 12. Prevent kidney problems.
- 13. Prevent constipation.
- 14. Prevent stomach acidity.
- 15. Prevent infections.
- 16. Health supplying nutrients to every cell of the body.
- 17. Hydrate 60 trillion cells.
- 18. Enhance 6 trillion chemicals reaction in the body.
- 19. Reduce stress.
- 20. Reduce depression, anxiety etc.

* Part -1 of this article was published in February 2023 issue of KALEIDOSCOPE Magazine.

New and Improved Convention Centre at SCOPE Complex and SCOPE Minar

Conference Halls and facilities are being sanitized and fumigated on a regular basis. For Booking visit our official website: www.scopeonline.in

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.

Tagore Chamber



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

Auditorium



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

Bhabha Chamber (Board Room)



The chamber has the capacity of 44 persons (24 Nos. Chairs on round table and 20 Nos. Chairs on sides) equipped with 4K advanced VC system for 12 person, projector screen and mikes on dais, tables & podium.

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.

Fazal Chamber



The chamber has a capacity of 25 persons (15 Nos. Chairs on round table and 10 Nos. Chairs on sides) capacity with board room type seating arrangement equipped with screen and mikes.

Business Centre



The Business Centre has a capacity of 7 persons equipped with multi point Video Conferencing System (1+3), that can connect with three locations at a time.

Annexe II



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

Banquet Hall



The banquet hall has a capacity of 500 Persons for the purpose of lunch & dinner with variety of cuisines. Seating also a stage & podium equipped with projector can be arranged for 40 persons.

Tansen Chamber at UB



The Tansen Chamber has the capacity of 30 persons and screen.

Annexe I



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

Amir Khusro Chamber at UB



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

For Booking & Tariff details please contact:

Mr. Nitin Kulshrestha Dy. Manager (Tech. & HR) Mob: 9313989067 Email: nitin@scopeonline.in

Mr. Shubh Ratna GM (Tech. & HR) Mob: 9873398242 Email: shubhratna@scopeonline.in

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

SCOPE Minar, Architecturally conceived in the form of two high rise curvilinear tower with 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 greenery 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:

Board Room



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

Auditorium



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

SCOPE Academy of Public Sector Enterprises



SCOPE Academy of Public Sector Enterprises (APSE) conducts executive development 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.

VIP Lounge



VIP Lounge has seating capacity of 30 delegates. CMDs, Directors, and other high level officials can use it as waiting lounge also,

Meeting Hall



Meeting hall having "U" shaped table, has a seating capacity of 62 delegates. Most widely used for small size meetings and training programmes, group 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. Gopal Krishna Bharti Asst. Manager (Tech.) SCOPE Minar, Mob: 9717564689 Email: scope.convention@scopeonline.in, gopal@scopeonline.in Mr. Shubh Ratna GM (Tech.& HR) Mob: 9873398242 Email: shubhratna@scopeonline.in

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

ews

Hon'ble Prime Minister Hails HAL's Tumakuru Factory, Unveils Light Utility Helicopter

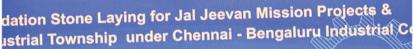
he Hon'ble Prime Minister, Narendra Modi Shri dedicated HAL's New Helicopter Factory to the nation at a function at Gubbi (Tumakuru). Speaking on the occasion, he hailed HAL's efforts in strengthening 'Aatmanirbharta' in the Defence Sector by building India's largest helicopter factory. From drone manufacturing to building Tejas fighter, naval carrier and transport aircraft, India is now producing everything indigenously, he said. HAL is manufacturing Tejas for the Indian Defence Forces and is the centre of global attraction. The factory will produce hundreds of helicopters and generate business to the tune of rupees four lakh crores besides generating direct and indirect employment boosting the regional economy, he added. The PM said that after laying the foundation stone in 2016, it was a momentous occasion to see the factory operational today.

He unveiled a Light Utility Helicopter (LUH) produced by HAL.

The Defence Minister, Shri Rajnath Singh congratulated HAL and said that the inauguration of the Tumakuru factory is a big milestone in India's journey towards 'Aatmanirbharta'. The Tumakuru factory will boost India's defence services.

The Chief Minister, Shri Basavaraj Bommai said HAL is one of the leading companies and is the pride of Karnataka. He welcomed its presence in Tumakuru.

The Tumakuru factory will become a one-stop solution for all





Hon'ble Prime Minister, Shri Narendra Modi unveiling a Light Utility Helicopter (LUH) produced by HAL in Tumakuru.

helicopter requirements of the country. With the establishment of facilities like Heli-Runway, Flight Hangar, Final Assembly Hangar, Structure Assembly Hangar, Air Traffic Control (ATC) and various supporting service facilities, the factory is fully operational. This factory is being equipped with state-of-the-art Industry 4.0 standard tools and techniques for its operations.

The Light Utility Helicopter (LUH), initially being built in this factory is an indigenously designed and developed 3-ton class,

single engine multipurpose utility helicopter with unique feature of high manoeuvrability. Initially, this factory will produce around 30 helicopters per year, and it can be enhanced to 60 and then 90 helicopters per year in a phased manner.

The factory will also produce Indian Multi Role Helicopter (IMRH) and undertake Maintenance Repair & Overhaul (MRO) of helicopters in the future.

A film on HAL Tumakuru Helicopter Factory was screened on the occasion.



Hon'ble Prime Minister, Shri Narendra Modi showcasing a light Utility Helicopter (LUH) produced by HAL.

Chief Minister inaugurates NBCC Built Madhya Pradesh Bhawan



Shri Shivraj Singh Chouhan, Chief Minister of Madhya Pradesh inaugurating NBCC built Madhya Pradesh Bhawan in Delhi.

hief Minister of Madhya Pradesh, Shri Shivraj Singh Chouhan inaugurated NBCC built Madhya Pradesh Bhawan in Delhi. The event was also attended by Union Ministers Shri Jyotiraditya Scindia, Minister of Civil Aviation and Steel; Dr. Virendra Kumar, Minister of Social Justice and Empowerment; Shri Faggan Singh Kulaste, Minister of Rural Development; Shri Prahlad Singh Patel, Minister of Jal Shakti. MPs, MLAs from the State and senior officers of M.P. Government and NBCC were also present.

The New Bhawan at Chanakvapuri is built on an area of 1.5 acres land at a cost of Rs.150 crore and provides facilities such as conference room, auditorium, VIP lounge and dining room etc. In addition, each floor of the new building reflects culture of Madhya Pradesh. Religious, cultural, art and traditions of the state are displayed at every step which will make the visitors familiar with every part of Madhya Pradesh. NBCC has also successfully completed projects like Garvi Gujarat and Tripura Bhawan in the past.

SFCA SFCA 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.



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

For any queries relating to SFCA, you may contact

SCOPE FORUM OF CONCILIATION & ARBITRATION (SFCA)

First Floor, Core 8, SCOPE Complex, Lodhi Road, New Delhi-110003 • Email: sfca@scopeonline.in • Phone: 011- 24360559, 011- 24361745

Mr. Shubh Ratna, GM (Tech. & HR) Mob: 9873398242

Mr. Nishant Kumar, Manager Mob: 9953046060

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

"ONGC Jeetega toh India Jeetega": Union Minister of Petroleum and Natural Gas rededicates ONGC's iconic Sagar Samrat to the nation

ONGC Jeetega toh India Jeetega (ONGC's victory is India's victory)", Union Minister of Petroleum and Natural Gas and Minister for Housing and Urban Development, Shri Hardeep Singh Puri said while rededicating Oil and Natural Gas Corporation's (ONGC) iconic drilling rig Sagar Samrat, as a Mobile Offshore Production Unit (MOPU) at a ceremony held on Sagar Samrat. The Minister later visited ONGC Kendriya Vidyalaya Grounds, Panvel Phase 1 to meet the Energy Soldiers of ONGC and their families.

The Minister met the ONGC employees who manned the Sagar Samrat as a drilling rig and also the team which worked on converting it to a MOPU. The Minister felicitated the initial crew members of Sagar Samrat who worked in the seventies after Bombay High discovery. The crew of Sagar Samrat were inspired by the Minister, who extolled them by saying that, "You are the Energy Soldiers whose efforts add strength to the energy revolution happening in India now. You are the crew which is driving India's energy transformation. Your efforts fuel our journey towards realizing our national energy goals. God bless you." The Minister said that ONGC has to become more agile and employees have to reorient like Sagar Samrat.



Shri Hardeep Singh Puri, Union Minister of Petroleum and Natural Gas and Minister for Housing and Urban Development with Shri Arun Kumar Singh, Chairman, ONGC, and Shri Om Prakash Singh, Director (Technical and Field Services), ONGC at Sagar Samrat.

The celebrations on the occasion included educational exhibition featuring models of ONGC's rigs and platforms along with core samples. A dance performance celebrating 'Colors of India' also took place, along with several competitions. The Minister interacted with ONGC employees and families and inspired them that the future of growing India depends on their contribution. India is growing fastest in the world and its energy needs are vital.

The Government of India intends to increase India's exploration acreage to 0.5 million sq. km. by 2025 and 1.0 million sq. km. by 2030. The Government has been successful in reducing the 'No Go' area by 99%, thereby making available an additional approx. 1 million Sq.km. of India's EEZ for exploration.



Shri Hardeep Singh Puri, Union Minister of Petroleum and Natural Gas and Minister for Housing and Urban Development met and interacted with Energy Soldiers of ONGC.

Balmer Lawrie celebrates 157th Foundation Day

almer Lawrie & Co. Ltd. celebrated its 157th Foundation Day recently. To mark this occasion a function was organised at Eco Park, Kolkata which was attended by the Board of Directors, employees and their families. The function was inaugurated by Shri Adika Ratna Sekhar, CMD, Balmer Lawrie. As part of the celebrations, Talent Hunt, Musical Ouiz, Rangoli, Photography, Short Video, Painting, Group Photography, Sit and Draw competitions were organised besides an inter-departmental cricket and a football tournament, which witnessed enthusiastic participation from the employees. The evening ended at a high note with a celebrity performance. Foundation Day celebrations were held in all the four regions across the country.



Shri Adika Ratna Sekhar, CMD and the Functional Directors during the inauguration of $157^{\rm th}$ Foundation Day celebrations.

Production capacity of BVFCL Biofertilizer Plant doubled

The inauguration of the Enhancement of Production Capacity of BVFCL, Namrup Biofertilizer Plant was done by Shri Subash Ch. Das, Director (Finance), BVFCL.

This step has been taken up as per Govt. of India's emphasis on producing organic fertilizers along with chemical fertilizers. Due to the initiatives taken up by Dr. S.P. Mohanty, CMD, BVFCL the production capacity of the biofertilizer plant has been doubled to meet the demand.

Biofertilizers are organic fertilizers and are required to restore



Officials from BVFCL during the inauguration.

the fertility of the soil. Prolonged use of chemical fertilizers degrades the soil and affects crop yield. Biofertilizers, on the other hand, enhance the water holding capacity of the soil and add essential nutrients such as nitrogen, vitamins and proteins, phosphorus to the soil.

NTPC has set global operational benchmarks in sustainable power generation: Cabinet Minister (Power, New & Renewable Energy)

/ India is committed to providing reliable and afpower fordable supply to people while keeping environmental concerns as the core priority", said Shri R.K. Singh, Cabinet Minister (Power, New & Renewable Energy) during the inaugural ceremony of the threeday international O&M conference, the Indian Power Stations (IPS) 2023 being organized by NTPC Limited at Raipur in Chhattisgarh. While addressing the audience he further lauded NTPC Limited's accomplishment by saying, "NTPC Limited has set global operational benchmarks in terms of its performance, culture, and progress."

The three-day Indian Power Stations 2023 International O&M Conference or IPS 2023 organised recently at Pandit Deendayal Upadhyay Auditorium at Raipur, Chha-ttisgarh on "Strategies for reliable and sustainable power generation in changing energy scenario" being the theme for this year.

Commenting on the contribution of NTPC Limited in the energy sector, Shri Krishan Pal Gurjar, Minister of State of Power said, "The efforts of NTPC have been commendable so far. As the need for power increases in the country, the need is to tackle certain challenges that come along with it. I believe that a lot of interesting ideas will come from this conference which will help significantly in the future of sustainable and reliable power."



Officials from NTPC Limited during the inauguration.

NTPC Vindhyachal achieved the distinction of crossing 600+ BE score and received the coveted Overall Excellence award. Since the IPS conference was held in the past two years due to the COVID pandemic, this year, the laurels for the stations recognized for Overall Excellence for Years 20-21 and 21-22 assessment years were bagged by NTPC Singrauli and NTPC Rihand respectively. The Overall Excellence for assessment year 22-23 - Special recognition by jury - was awarded to NTPC Solapur. The awards were received by the BUH of the Respective stations along with the Regional Executive Directors.

NTPC Korba received the First Runner-Up award, and NTPC Talcher Kaniha received the Second Runner-Up award. Shri Gurdeep Singh, CMD, NTPC, Shri Ghanshyam Prasad, Chairperson, Central Electrical

(CEA), Shri Authority V.K. Dewangan, CMD, REC Ltd., Shri D.K. Patel, Director (HR), Shri Ramesh Babu V, Director (Operation), Shri Ujjwal Kanti Bhattacharya, Director (Projects) and Shri Jaikumar Sri-nivasan, Director (Finance), independent Directors of NTPC and Senior officials were present during the felicitation ceremony.

the Speaking on occasion, Shri Gurdeep Singh, CMD, NTPC Limited said, "Reliable and sustainable power is more important than PLF or the generation. Going forward, the challenges with renewable energy and thermal power will become more severe as the requirements for the grid will have to be taken into consideration. Safety, reliability, flexibility, efficiency, and affordability is the priority. We should keep the cost of power as low as possible"

DPSU HR meet at Goa Shipyard Limited



Cmde P.R. Hari, IN (Retd.), CMD, GRSE; Shri Brajesh Kumar Upadhyay, CMD, GSL; Capt. Jagmohan, Director (CPP&BD), GSL; Shri Sunil S. Bagi, Director (Finance), GSL and other Senior Executives from Defence Public Sector Enterprises during 3rd DPSU HR meet.

ith a view to stay abreast of changing HR Policies & Processes, Goa Shipyard has taken an initiative to organize the 3rd DPSU HR Meet at "Shipyard Sadan" recently, involving senior HR heads of 16 Defence Public Sector Enterprises including the newly formed OFB DPSUs. The Two-day event was also aimed at knowledge sharing and exchange of best practices between HR executives of DPSUs.

The HR meet was graced by Chief Guest, Cmde P. R. Hari, IN (Retd.), CMD, GRSE in the presence of Shri Brajesh Kumar Upadhyay, CMD, GSL; Capt. Jagmohan, Director (CPP&BD), GSL, Shri Sunil S. Bagi, Director (Finance), GSL and Senior Executives from Defence Public Sector Enterprises.

The speakers from DPSUs stressed upon the relevance of HR in the current business scenario as an enabling force in driving the

enterprises forward. They highlighted that HR has a major role to play by leveraging the use of technology in its various domains so that the gaps can be reduced.

During the Meet, a brainstorming session was held on various topics ranging from best practices adopted by DPSUs to AI based HR chatbot for Employee connect. Since, it was the first HR meet of the OFB DPSUs there was a dedicated session for the OFB DPSUs to address their queries.

The Two-day Program was specially curated by Goa Shipyard to create a unique platform to exchange ideas, share knowledge and address some of the prevailing HR issues of DPSU's.



Cmde P.R. Hari, IN (Retd.), CMD, GRSE; Shri Brajesh Kumar Upadhyay, CMD, GSL and other Senior Executives from GSL during lamp lighting.

PSEs Ink MoU

MoHUA signs MoA with EIL to develop Waste to Wealth plants in million plus cities



Shri Manoj Joshi, Secretary, MoHUA; Smt. Vartika Shukla, CMD, EIL; Smt. Roopa Mishra, Joint Secretary, SBM-U & Mission Director, MoHUA and Shri R.K. Rathi, Executive Director, EIL after MoU Signing.

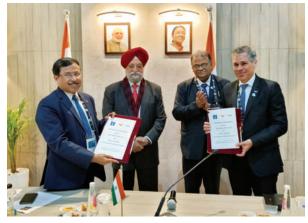
The Ministry of Housing and Urban Affairs (MoHUA) has signed a Memorandum of Agreement (MoA) with Engineers India Limited (EIL), to develop Waste to Energy and bio-methanation projects in cities with a population of million plus. In the presence of Shri Manoj Joshi, Secretary, MoHUA and Smt. Vartika Shukla, CMD, EIL, the MoU was signed by Smt. Roopa Mishra, Joint Secretary, SBM-U & Mission Director, MoHUA and Shri R.K. Rathi, Executive Director, EIL.

The thrust on sustainable solid waste management has been strengthened under the ambit of Swachh Bharat Mission-Urban 2.0, with the overall vision of creating garbage-free cities. Focusing on this objective, MoHUA has decided to set up large-scale solid waste processing facilities in a million plus cities. There are 59 million plus cities in India like Lucknow, Kanpur, Bareilly, Nasik, Thane, Nagpur, Gwalior, Chennai, Madurai, Coimbatore to name a few. For management of the organic/wet fraction of municipal solid waste, bio-methanation plants have been proposed in these million plus cities.

Waste to Energy plants use dry waste fraction ofmunicipal solid waste and produce renewable power with maximum reduction of waste volume utilizing least space in execution in compliance with SWM Rules 2016 and fulfilling all the statutory norms of environmental protection. Waste to Energy and bio-methanation projects will integrate the concept of circularity in waste management by producing green energy from dry and wet waste component of municipal solid waste. The by-products such as electricity and Bio-CNG will also help in achieving sustainability of waste management operations.

EIL shall assist and handhold the million plus cities in developing such projects for larger quantum of waste integrating circularity into waste management. In the first phase, 25 million plus cities will be selected for developing large-scale process plants. The success of these projects will be pivotal as it will be conceptualized and executed as benchmarking for such projects. Thus, collaboration for providing support in preliminary technical assessment and Transaction Advisory services from EIL will have significant impact. EIL shall subsequently handhold ULBs in carrying out monitoring process of these PPP projects during the construction phase and shall assist in obtaining statutory approvals. The initiative will result in additional processing capacity of 15,000 TPD for Bio-Methanation and 10,000 TPD for Waste to Energy respectively.

ONGC Videsh signs MoU with YPF SA, Argentina



Shri Rajarshi Gupta, MD, ONGC Videsh signs MoU with Shri Pablo Gonzalez, President, YPF S.A., Argentina in the presence of Shri Hardeep Singh Puri, Minister of Petroleum and Natural Gas and Housing & Urban Affairs and Shri Arun Kumar Singh, Chairman & CEO, ONGC.



ONGC Videsh Limited (OVL) has signed a Memorandum of Understanding (MoU) recently with YPF S.A., Argentina on the sidelines of the maiden India Energy Week 2023 being held in Bangalore under the patronage of the Ministry of Petroleum & Natural Gas.

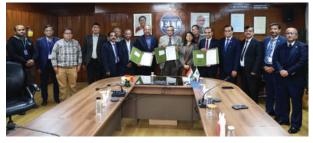
The MoU seeks to enhance cooperation between the two companies in the energy sector, including but not limited to cooperation in the areas of exploration and development of upstream oil and gas opportunities, promote investment and cooperation, and forging closer ties between research and training centres.

YPF S.A. is Argentina's largest integrated energy company, 51% owned by the Argentine Government and 49% listed in the New York and Buenos Aires stock exchanges. YPF is engaged in oil and gas exploration and production, being the largest shale operator outside of the United States of America, and is also involved in transportation, refining and marketing of natural gas and petro-leum products.

OVL currently has a stake in 32 oil & gas projects in 15 countries, spanning projects in various phases like exploration, development, producing, pipeline etc.

EIL inks MoA with ONGC Energy Centre Trust and CSIR-IIP for Collaborative Technology Development

Engineers India Limited (EIL), ONGC Energy



Shri Rajiv Agarwal, Dir. (Technical), EIL, Shri Ravi, DG, OECT and Dr. Anjan Ray, DG, CSIR-IIP after signing the MoA in the presence of Ms. Vartika Shukla, CMD, EIL. Functional Directors of EIL and other officials from EIL, OECT& CSIR-IIP were also present during the signing.

Centre Trust (OECT) and CSIR-IIP have signed a Memorandum of Agreement (MoA) for development and commercialization of technology for Recovery of Rare Gases from fossil fuel reserves.

The MoA was signed by Sh. Rajiv Agarwal, Dir. (Technical), EIL, Sh. Ravi, DG, OECT and Dr. Anjan Ray, DG, CSIR-IIP recently in the presence of Ms. Vartika Shukla, CMD, EIL, accompanied by Functional Directors of EIL and other officials from EIL, OECT & CSIR-IIP. All three organizations, recognizing similarity of their interests, have entered into the MoA for scientific collaboration on Joint Development and Commercialization of Technology.

This endeavor will generate a win-win scenario for EIL, with a rich experience in the knowhow in development, design & engineering, CSIR-IIP, having vast experience in the field of petroleum refining, catalyst and product applications and OECT having wide experience in conducting research in alternate energy.

Commenting on this development, CMD (EIL), DG (OECT), DG (CSIR-IIP) viewed that "This collaborative arrangement is one of major steps taken for indigenous technology development and deployment leading to Aatmanirbhar Bharat in the field of rare gases."



PSEs CSR Activities

NLC India Limited organizes a Free Medical Camp at Tenkuthu Panchayat Union Middle School



Shri Jasper Rose I S, Executive Director/SME, Conveyor, Mine-III & Land, Shri P. Sathiamoorthy, Chief General Manager, HR and Hospital Administration, Shri Vivekanandan, Chief General Manager, Land Department, Dr. C. Dharini Mouli, General Superintendent/Medical of NLC India Hospital, Shri Sanjeevi R, General Manager and Unit Head of Mine-IA and other senior officials of NLCIL, Shri Vaidhyanathan, Thenkuthu President, Shri Kannusamy, Ward Counsellor and Smt. Rani, HM of Panchayat Union Middle School presenting wheelchairs to the public at the Free Medical Camp organized at Tenkuthu Panchayat Union Middle School by NLCIL.

NLC India Limited organized a Free Medical Camp at Tenkuthu Panchayat Union Middle School, Tamilnadu under its CSR initiative, benefitting the Tenkuthu Panchayat & surrounding areas.

Social responsibility:

NLC India Hospital conducts free medical camps every year in surrounding villages and areas of Neyveli as a part of its Corporate Social Responsibility (CSR) initiative. As per the practice followed, NLC India Limited organized a Free Medical Camp at Tenkuthu Panchayat Union Middle School.

Specialist Doctors:

The camp was inaugurated by Shri Jasper Rose I S, Executive Director/SME, Conveyor, Mine-III & Landat Tenkuthu Panchayat Union Middle School, Cuddalore District, Tamilnadu. Specialist doctors, Medical staff, Nurses and Pharmacists of NLC India Limited from various departments like General Medicine, Pediatrics, Gynecology, Ophthalmology, Dental, ENT, Dermatology, Ortho-pediatrics, Ayurveda participated in the Medical Camp and provided treatment to the surrounding areas.

Free treatment along with free Medical Aids & Equipment:

Blood tests were conducted and based on the reports, treatments were given accordingly. Free Medical Aids & Equipment like 2 Nos. of Hearing Aids, 9 Nos. of Wheel Chairs, 14 Nos. of Tripods and 10 Nos. of Walker was presented to the needy public. Also, First Aid Kits and a modern Water Purifier, named 'Water Doctor' were donated to the Tenkuthu Panchayat Union Middle School by NLC India Limited.

Participants:

A total of 936 persons including 283 men, 482 women and 171 children were benefitted by this camp. Shri Vaidhyanathan, Tenkuthu President, Shri Kannusamy, Ward Counsellor, Smt. Rani, HM of Panchayat Union Middle School participated in the camp. Shri P. Sathiamoorthy, Chief General Manager, HR and Hospital Administration, Shri Vivekanandan, Chief General Manager, Land Department, Dr. C. Dharini Mouli, General Superintendent/Medical of NLC India Hospital, Shri Sanjeevi R, General Manager and Unit Head of Mine-IA and other senior officials of NLCIL also participated in the medical camp.



Awards & Accolades to PSEs

NTPC bags 'ATD Best Awards 2023'



NTPC Limited has been honoured with 'ATD Best Awards 2023' by the Association for Talent Development (ATD), USA.

This is the sixth time that NTPC Limited has won this award for demonstrating enterprise success in the field of talent development.

The foundation of NTPC's culture has always been to engage employees through creative techniques. The award is testimony to NTPC's contemporary HR practices.

The ATD Best Awards recognises organisations that demonstrate enterprise through talent development. NTPC has been successful in creating an ecosystem, which empowers employees to enhance their skill sets.

The award included small and large private, public, and not-for-profit organizations from across the globe.

The Association for Talent Development, USA is the world's largest association in the field of talent development and ATD's BEST AWARD is most coveted recognition in Learning and Development.

PFC bestowed with Gold Shield in 'ICAI Awards for Excellence in Financial Reporting 2021-22'



Shri R.S. Dhillon, CMD, PFC; Smt. Parminder Chopra, Director (Finance), PFC; Shri R.K. Malhotra, ED (Finance), PFC and Shri Mohd. Salim, GM (Finance), PFC receiving the award in the presence of other officials from PFC and ICAI at an Award Distribution Ceremony held in Varanasi.

Power Finance Corporation Limited (PFC), has been conferred with the Institute of Chartered Accountants of India (ICAI) Gold Shield being a winner in the category 'Public Sector Entities' of ICAI Awards for Excellence in Financial Reporting for 2021-22.

PFC has been bestowed with this coveted award for its highest degree of compliance with accounting standards, commendable accounting practices adopted while preparing financial statements, the policies adopted for disclosure and presentation of financial statements amongst other information contained in the annual report.

The award was received by Shri R.S. Dhillon, CMD and Smt. Parminder Chopra, Director (Finance), Shri R.K. Malhotra, ED (Finance) and Shri Mohd. Salim, GM (Finance) PFC at an Award Distribution Ceremony held in Varanasi.

PFC had earlier won the Silver Shield in the ICAI Awards for "Excellence in Financial Reporting for the FY 2020-21" and was also conferred with SAFA Gold Award recently for "Best Presented Accounts" for the same year.

Balmer Lawrie announces third quarter results

Balmer Lawrie & Co. Ltd. has announced the third quarter results as per the accounts adopted for the quarter ending 31st December, 2022. The results were approved by the Board in its Meeting held at Kolkata.

The total net income for the third quarter registered a growth of 1.45% quarter to quarter and stood at Rs. 514.55 crore as compared to the same period last year. The Profit before Tax (PBT) increased by 48.32% and rose to Rs. 37.14 crore for the quarter ended 31st December, 2022 as compared to Rs. 25.04 crore for the same period last year. Correspondingly, the net profit (PAT) during the quarter increased by 38.98% to Rs. 27.38 crore compared to Rs. 19.70 crore for the corresponding period last year.

The net income for the nine-month period ended 31st December, 2022 stood at Rs. 1729.51 crore, an increase of 15.49% over Rs. 1497.52 crore in the corresponding period last year. PBT for the nine-month period increased and stood at Rs. 126.66 crore as compared to Rs. 85.83 crore in the same period last year.

IRFC posts 9% jump in net profit for ninemonth period ended 31st December, 2022

Indian Railway Finance Corporation Limited has announced its un-audited financial results for the nine-month period ended 31st December, 2022.

The Company posted a profit growth of 8.96% for nine-month period ended 31st December, 2022 at Rs. 5009.31 crore vis-a-vis Rs. 4597.34 crore for nine-month period ended 31st December, 2021. The earning per share (EPS) of the Company is at Rs. 3.83 for nine-month period ended 31st December, 2022 as compared to Rs. 3.52 for nine-month period ended 31st December, 2021. The Company also posted profit growth of 2.48% for Q3 FY 2022-23 at Rs. 1633.45 crore vis-a-vis Rs. 1593.91 crore reported in Q3 FY2021-22.

The revenue from operations for nine-month period ended 31st December, 2022 grew by 22.89% to Rs. 17655.20 crore as against Rs. 14367.14 crore for nine-month period ended 31st December, 2021. The revenue from operations for Q3 FY 2022-23 also grew by 22.02% to Rs. 6217.96 crore as against Rs. 5095.81 crore reported in Q3 FY 2021-22.

Net worth at the end of Q3 FY 2022-23 stands at Rs. 44142.14 crore and Assets Under Management (AUM) stands at Rs. 448032.64 crore as on 31^{st} December, 2022.

Commenting on the financial results, Smt. Shelly Verma, CMD (Additional Charge) and Director (Finance) said that consistent and robust financial numbers of the company depict the growth story of Indian Railways and IRFC has played a pivotal role in augmenting the annual plan outlay of Indian Railways by way of mobilizing funds from all across the financial spectrum forming part of EBR funding.

She further added that IRFC over the years has built a strong brand image among the debt investor community and has a very competitive cost of borrowing which can be leveraged in diversification of lending portfolio and by financing infra projects having backward and forward linkage with Indian Railways as per the current mandate of the company.

NALCO profit up 61% sequentially in Q3; Net Profit for Q3 Pegged at Rs. 274 Crore

National Aluminum Company Limited (NALCO), has declared its financial results for the 3rd quarter ended December 2022.

According to the reviewed financial results for the 3rd quarter of the FY 23, taken on record by the Board in the meeting held at Bhubaneswar recently, NALCO has achieved net profit of Rs. 274 crore, as against Rs. 170 crore in the preceding quarter of this fiscal. The net sales turnover in the 3rd Quarter was Rs. 3290 crore. Lower sales volume of alumina during the quarter, higher input costs coupled with global challenging business scenario and volatility has affected the profit margins despite the fact that



the company has registered robust growth in production in all fronts.

Operational efficiency and team work of NALCO had played a key role in overcoming the slump period. With firming up of aluminum prices globally and higher productions volumes, we are sure that it will certainly add to the profit margins in the coming quarters. We are also hopeful, that the Q4 results will contribute significantly for the overall FY 23 results, said Shri Sridhar Patra, CMD, NALCO.

NBCC's turnover jumps by 21.01% on YOY for nine months ended on 31.12.2022

Results Highlights of Nine months ended on 31.12.2022 (Standalone)

- 1. Turnover jumps by 21.01% year on year basis.
- 2. PBT (Before exceptional items) increased by 60.95%.
- 3. PBT (After exceptional items) decreased by 15.41%.

The Board of Directors in its meeting held recently approved the Financial Results of the company for the Quarter and nine months ended on 31.12.2022. Company reported Turnover of Rs. 4,475.96 crore standalone basis for nine months ended on 31.12.2022, representing a growth of 21.01% YOY basis.

Company also earned Profit before Tax (Before exceptional items) of Rs. 347.51 crore standalone basis for the nine months ended on 31.12.2022, showcasing a jump of 60.95% on YOY basis.

NHPC registers 10% increase in Standalone Profit after Tax for the 9 months ended 31.12.22 & declares interim dividend of Rs 1.40 per share for FY 2022-23

NHPC has declared its Standalone and Consolidated unaudited Financial Results for the 3rd quarter and nine-months ended 31st December, 2022. Standalone Profit after Tax has increased by 10% from Rs. 2978 crore during the nine-months ended 31st December, 2021 to Rs. 3264 crore for nine-months ended 31st December 2022. Consolidated Profit after Tax for the nine-months has increased by 6% from Rs. 3056 crore to Rs. 3247 crore. The Board of Directors has declared interim dividend of Rs 1.40 per share for the financial year 2022-23 in the Board Meeting held recently as against interim dividend of Rs. 1.31 per share for the year 2021-22.

NMDC delivers best ever Q3 Production

NMDC registered its best ever Q3 production with 10.66 million tonnes produced in the third quarter of FY23.

NMDC in its Board Meeting held recently reported a turnover of Rs. 11,816 crore for the first nine months of this financial year. Company's



Shri Sumit Deb, CMD, NMDC

Profit before Tax (PBT) for the nine months is Rs. 4351 crore and Profit after Tax (PAT) for the nine months is Rs. 3252 crore.

NMDC produced 10.66 million tonnes (MnT) and sold 9.58 million tonnes (MnT) of iron ore in the third quarter of FY23. Cumulative production and sales figures for the first three quarters stood at 26.69 MnT and 25.81 MnT respectively.

NMDC declared an Interim Dividend of Rs. 3.75 per share.

Commenting on the performance, Shri Sumit Deb, CMD, NMDC said, "Iron and Steel industry is the backbone of India's infrastructure growth and this year's Union Budget emphasis on increasing capex will propel a robust domestic steel demand. With thriving iron ore production and growing capital that can be reinvested in the company, NMDC is ready to meet the demand. I congratulate the team NMDC for its best ever Q3 production."

Q3'23 Results of PFC

Consolidated Highlights

PFC Group delivers highest ever consolidated Profit after Tax (PAT) of Rs. 5,241 crore. in Q3'23, an increase of 7% from Q3'22.

The consolidated loan asset book crossed Rs. 8 lakh crore. The loan asset book as on 31.12.2022 stands at Rs. 8,04,526 crore.

The consolidated disbursements crossed Rs.1 lakh crore. at Rs. 1,06,875 crore. for 9M'23 and registered an increase of 28% versus 9M'22. This reflects PFC group robust business performance.

The synergies in resolution of stressed assets has led to Gross NPA ratio to fall below 4%, from 5.55% in 9M'22 to 3.91% in 9M'23.

The consolidated Net NPA ratio saw a 71 bps reduction from 1.86% in 9M'22 to 1.15% in 9M'23. This is the lowest ever Net NPA ratio on consolidated basis.

On the distribution side, till date, PFC group has collectively sanctioned Rs.1,02,831 crore. and disbursed Rs. 28,179 crore. under Late Payment Surcharge Rules. The sanctioned amount will be disbursed in a phased manner through Equated Monthly Installments (EMIs) ranging from 12 to 48 months.

Standalone Highlights

In Q3'23, PFC clocked the highest quarterly PAT of Rs. 3,005 crore. and registered a 26% increase viz-a-viz Q3'22. For 9M'23, PFC registered a PAT of Rs. 8,113 crore., as compared to the previous fiscal year's nine-month PAT of Rs. 7,412 crore.

In Q3'23, PFC declared an interim dividend of Rs. 3.50 per share, bringing the cumulative interim dividend for the financial year to Rs. 8.75 per share.

36% increase registered in disbursements for 9M'23– Rs. 46,968 crore. disbursed in 9M'23 as compared to Rs. 34,590 crore. in 9M'22. The loan asset book as on 31.12.2022 stands at Rs. 3,93,387 crore. compared to Rs. 3,71,649 crore. as on 31.12.2021.

The Net NPA Ratio saw a significant reduction of 81 bps viz-a-viz 9M'22. The Net ratio for 9M'23 is at 1.19%, which is the lowest in last 6 years. Since 9M'22, PFC has resolved five stressed assets, amounting to Rs. 5,964 crore. One of these assets namely Ind-Barath Energy Utkal Ltd. of Rs. 1,368 crore was resolved in this quarter.

Till date, PFC has sanctioned Rs. 46,788 crore and disbursed Rs. 14,389 crore to Discoms for clearance of dues under the Late Payment Surcharge Rules. Under the Revamped Distribution Sector Scheme (RDSS), so far, action plan for 11 states with PFC has been approved i.e. Andhra Pradesh, Gujarat, Himachal Pradesh, Kerala, Madhya Pradesh, Uttarakhand, Haryana, Jharkhand, Maharashtra, Puducherry and Punjab.

PFC has successfully raised USD equivalent 1.15 bn in the current financial year in foreign currency.

POWERGRID posts 11% YoY Profit After Tax (PAT) growth in Q3 FY23

Power Grid Corporation of India Limited (POWERGRID) has announced the Unaudited Financial Results of the company for the quarter and nine months ending 31st December, 2022.

During Q3 FY23, the company has reported PAT of ₹3,645 crore and total income of ₹11,530 crore on consolidated basis registering a YoY growth of 11% and 8% respectively. On standalone basis, the company has posted PAT and total income of ₹3,702 crore and ₹11,472 crore respectively registering a YoY growth of 11% and 8% respectively.

For nine-month period (9MFY23), the PAT and total income on consolidated basis are ₹11,097 crore and ₹34,048 crore respectively, which are about 11% and 8% higher with respect to the corresponding period of FY22 (excluding exceptional items on account of monetization of assets). While on standalone basis, the PAT and total income are ₹11,119 crore and ₹33,680 crore respectively, registering a growth of 12% and 7% respectively with respect to the corresponding period of FY22 (excluding exceptional items on account of monetization of assets).

The company incurred a capital expenditure of $\overline{<}5,429$ crore and capitalized assets worth $\overline{<}5,190$ crore (excluding FERV) on consolidated basis till 9MFY23. The company's Gross Fixed Assets on a consolidated basis stood at $\overline{<}2,68,903$ crore as on 31^{st} December, 2022.

POWERGRID's Board of Directors has declared second interim dividend of ₹5 per equity share of ₹10/- each (@ 50% of the paid-up equity share capital) for FY 2022-23. This is in addition to first interim dividend of ₹5 per equity share for the FY 2022-23. The interim dividend for the year thus amounts to ₹10 per share of ₹10/- each (@ 100% of the paid up equity share capital).



During Q3FY23, 800 ckm transmission line and 6,450 MVA transformation capacity has been added. The total transmission assets of POWERGRID and its subsidiaries at the end of the quarter stood at 1,73,790 ckm of transmission lines, 270 substations and 4,93,000 MVA of transformation capacity.

With the use of state-of-the-art maintenance techniques, automation and digitization, POWERGRID maintained average transmission system availability of 99.81% for 9MFY23.

SAIL declares Q3 results for financial year 2022-23, posts net profit of Rs 463.54 Crore

Steel Authority of India Limited (SAIL) posted its financial performance for the third quarter of the current financial year 2022-23 (Q3 FY 23).

Performance of	Q3 FY 23	(Standalone)	at a glance:
----------------	----------	--------------	--------------

Unit	Q3 FY 23	Q3 FY 22	
Crude Steel Production	Million Tonne	4.708	4.531
Sales Volume	Million Tonne	4.151	3.840
Revenue from Operations	Rs. crore	25041.88	25245.92
Earnings Before Interest, Tax,	Rs. crore	2197.53	3659.41 Depreciation and Amortisation
Profit before Tax (PBT)	Rs. crore	634.69	1930.98
Profit after Tax (PAT)	Rs. crore	463.54	1443.10

The company has achieved the best ever quarterly crude steel production during Q3 FY23. The company has been steadily increasing the crude steel production in the recent months. The sales volume in Q3 FY23 also saw an increase over the corresponding period over last year. The challenging global situation and economic scenario all over the world had its impacts on the steel prices affecting the margins of the steelmakers. However, with the government's focus on enhancing capital expenditure in infrastructure sector, the domestic steel consumption is expected to witness an increase in the short to medium term.

BEL registers Rs. 11000 crore turnover upto 3rd Quarter of FY 22-23. PAT increases by 36%

Bharat Electronics Limited (BEL) has achieved a Turnover of Rs. 11005.89 crore, registering a growth of 24.46% upto 3+ Quarter of FY 2022-23 over the Turnover of Rs. 8842.98 crore recorded in the corresponding period of the previous year.

During the 3rd Quarter of FY 2022-23, BEL achieved a Turnover of Rs. 4046.11 crore as against Rs. 3656.22 crore recorded in the corresponding priod of the previous year.

Profit before Tax (PBT) upto 3rd Quarter of FY 2022-23 stood at Rs. 2203.39 crore, with a growth of 35.07% over the Profit before Tax (PBT) of Rs. 1631.24 crore recorded in the corresponding period of the previous year.

During the 3rd Quarter of FY 2022-23, Profit before Tax (PBT) has increased to Rs. 800.43 crore from Rs. 788.33 crore recorded in the corresponding period of the previous year.

Profit after Tax (PAT) upto 3rd Quarter of FY 2022-23 stood at Rs. 1641.31 crore, with a growth of 35.97% over the Profit after Tax (PAT) of Rs. 1207.12 crore recorded in the corresponding period of the previous year.

During the 3rd Quarter of FY 2022-23, Profit after Tax (PAT) has increased to Rs. 598.77 crore from Rs. 583.37 crore recorded in the corresponding period of the previous year.

The Board of Directors in their meeting held recently recommended an interim dividend of Rs. 0.60 per share (on face value of Rs. 1/- each) on the enhanced share capital of the company post Bonus Issue of equity shares in Sept 2022. The said dividend will be payable to all the eligible shareholders holdings Shares as on the Record date.

The order book position of the company as on 1st January, 2023 stood at Rs. 50116 crore.

PSEs celebrates India Energy Week

'Carbon Capture Utilization and Storage (CCUS)' NTPC Initiative

NTPC Ltd., hosted an International Seminar on 'Carbon Capture Utilization and Storage (CCUS)' at the First Energy Transitions Working Group (ETWG) meeting under the aegis of G20 India presidency at Bengaluru.



Shri R.K. Singh, Minister of Power and New & Renewable Energy; Shri Gurdeep Singh, CMD, NTPC and other senior officials from NTPC during International Seminar.

Minister of Power and New & Renewable Energy, Shri R.K. Singh also visited the venue of the International Seminar on 'Carbon Capture Utilization and Storage (CCUS) and discussed the initiatives taken by NTPC.

Dr. V.K. Saraswat, Member NITI Aayog, Shri Alok Kumar (Secretary Power, Govt. of India), Shri Gurdeep Singh, CMD, NTPC Ltd., Shri Ujjwal Kanti Bhattacharya, Director (Project), NTPC Ltd. explained the importance of CCUS technologies for clean energy transition leading to Net-Zero goal. They also shared several important CO₂ emission mitigation measures and key green initiatives being spearheaded by India.

During the event, more than 200 dignitaries, speakers, panellists and delegates of various countries participated in the seminar wherein they shared their knowledge and learnings pertaining to CCUS.

A Study Report on "Carbon Capture, Utilization, and Storage (CCUS)- Technology Gaps and International Collaboration", which was commissioned under G20 India Presidency, was unveiled during the event.



Additionally, a 3D-Model of NTPC flagship project on Flue Gas CO_2 to Methanol Synthesis was also showcased at the event. This plant is intended to reduce the CO_2 emission of fossil-based Power plants by capturing it and converting it into useful hydrocarbons, i.e., Methanol.

The event is likely to open new vistas for low carbon downstream industries and academia to work and move ahead benefitting People & Planet.

Hon'ble Prime Minister flags off OIL's Hydrogen Bus at India Energy Week



Hon'ble Prime Minister, Shri Narendra Modi flagging off Hydrogen fuel cell-based e-bus.

Hon'ble Prime Minister flagged off Oil India Limited's (OIL) indigenously developed hydrogen fuel cell-based e-bus at the India Energy Week (IEW) in Bengaluru.

OIL, under the National Hydrogen Mission and Aatmanirbhar Bharat vision of the Government of India, developed indigenously this hydrogen fuel cell-based bus under its Startup program (SNEH).



The bus is a hybrid of an Electric Drive and a Fuel Cell, the Fuel Cell uses hydrogen to produce electricity which drives the electric motor & also charges the auxiliary battery that provides for back-up power during acceleration and braking. The 60 KW capacity fuel cell uses Proton Exchange Membrane (PEM) technology to produce electricity. Bus has the tank capacity of 21.9 Kg at 350 bar pressure.

The bus is designed to accommodate 32 persons including the driver and is provided with wheel chair facility.

ONGC recreates an offshore platform for India Energy Week

At India's flagship Energy Event "India Energy Week 2023 "(IEW 2023) organised at the Bengaluru International Exhibition Centre, Oil and Natural Gas Corporation Limited (ONGC) recreated an offshore platform, which is employed to produce oil and gas from the high seas.

The ONGC Pavilion showcased a number of cutting-edge features to engage the global audience visiting the 3-day international conference and exhibition.



Third Eye Centre at ONGC Pavilion in India Energy Week

With an immersive anamorphic display sampling the ONGC's offshore operations, the ONGC Pavilion has two helidecks, one of which serves as a fully-functional networking station, possibly the first-of-its-kind.

With a 3-dimensional Virtual Reality Center known as the 'Third Eye Center', ONGC's Pavilion offers its visitors an intriguing show of the sun-surface habitat of oil and gas and how the Energy major constructs reservoir models based on data secured from drilling.

With two VR Experience Centre shows, visitors can witness the 'Building of data driven reservoir models' in the Seismic to Simulation show, and 'Controlling drilling remotely with real time data' in the Real Time Drilling Control show.

ONGC Production Clock at the pavilion will showcase how India saves around Rs 6 lakhs every ten seconds thanks to ONGC. ONGC contributes around 71 percent to Indian domestic production.



The FY 2022-23 ONGC Production Clock at ONGC Pavilion in India Energy Week

Visitors can engage in ONGC's pioneering exploration and production game called the 'Oil and Gas Hunt'. With a devoted room for immersive display, the ONGC Pavilion highlights the company's inhouse service capabilities in all areas of Exploration and Production of oil & gas and related oil-field services.

The gaming and quizzing zones at the pavilion offer visitors the chance to understand ONGC is steadily making novel discoveries, while fast tracking its development. Tapping into new and unconventional sources of energy, ONGC is taking the road ahead with its Energy Strategy 2040.



Curved Immersive Screen at ONGC Pavilion in India Energy Week

Designed to be operated remotely without onsite personnel, unmanned offshore platforms are controlled either by onshore teams or via a neighboring platform.

Organized during India's G20 Presidency, IEW 2023 is set to feature more than 30 Energy Leaders, 50 Key Executives and over 10,000 delegates from across the world.

ONGC eyes partners for Deepwaters: India Energy Week

Oil and Natural Gas Corporation Limited (ONGC) is in talks with global oil majors to infuse state of the art technologies in its aggressive exploration push in Deepwaters of India. ONGC held a parley of discussions with major operators during the India Energy Week in Bengaluru. ONGC held discussions with the American oil and gas giant ExxonMobil, the Norwegian energy multinational Equinor, the American oil services conglomerate Baker Hughes, the French research organization InstitutFrançais du Pétroleon various issues like Technology, and Deepwaters.

Speaking at the Leadership Panel on "The importance of continued investment in Exploration & Production", ONGC Chairman and Chief Executive Officer (CEO) Shri Arun Kumar Singh said "Energy security is geography dependent. India has kept E&P investment same, and ONGC invests \$ 3.5 billion to keep up production."

Eyeing deep-water exploration, Shri Singh highlighted that "The world is now getting balanced, as Deep-sea investments are becoming economical. A combination of factors is there. For India and China there is one reality. However, other geographies have different realities."Under its Energy Strategy 2040, Shri Singh said that "Now, the investments needed are more as renewables have come in. So, there is an issue of structural inefficiencies which have crept in. The transition to renewables is a reality, however, oil and gas will remain in focus in the journey. It will happen eventually."

In IEW 2023, ONGC is looking to make India's energy self-reliant by achieving its economic aspirations. ONGC looks at IEW 2023 as a platform to foster a pentathlon of collaborations. Looking at Deepwater Oil and Gas exploration, Enhanced Oil Recovery (EOR), boosting renewables capacity, building carbon capture, utilization and sequestration capabilities (CCUS), and developing India into the world's leading hydrogen economy, ONGC is devoted to the event's theme of "Growth, Collaboration, Transition"



Shri Arun Kumar Singh, Chairman & CEO, ONGC at the Leadership Panel in India Energy Week



Shri Arun Kumar Singh, Chairman & CEO, ONGC at the Leadership Panel in India Energy Week

The Maiden Auction of NCL's M-Sand gets a great response

Garnered 62% premium over notified price

orthern Coalfields Li-mited (NCL) has witnessed a breakthrough in business diversification & environment-friendly initiative with huge success in its maiden auction of M-Sand. The Singrauli-based coal company garnered a 62% premium over notified Price on all of the 20000 Cubic Meter M-Sand which went under the hammer.

The E-auction process received a huge response from bidders across the country. NCL is carrying out the e-auction process for sales and marketing of its M-Sand through MSTC Limited with a simple, transparent, and user-friendly process. NCL is planning to conduct such an e-auction every month for the sale of M-Sand.

The Overburden to Sand making initiative of the NCL at Amlohri Project is emphasizing the promotion of sustainable practices under the guidance of the Ministry of Coal for maximum utilization of natural resources and minimizing the adverse effects of mining. Giving thrust upon the 'Waste to



Sand Making Plant at Amlohri project of NCL.

Wealth' mission, the company has set up a Sand manufacturing plant using it's Over Burden (OB) as raw material while maintaining the ecological balance.

This eco-friendly initiative of the company will aid in preserving the river bed erosion and safeguard the aquatic ecosystems.

The inventive initiative proves to be victorious for the company, government, and local stakeholders. The 'M-Sand' produced was e-auctioned at a low base price and of at par quality in comparison to currently available river sand in the market.



Shri K.P.M Swamy Shri assumes charge as Director assumes charge a (Commercial) of NBCC (India) Limited. Director



Shri Rajesh Rai assumes charge as Chairman & Managing I. Director of ITI Limited. (F



Shri Pankaj Kumar Sharma assumes charge as Director (Production) of National Aluminlum Company Limited.



Shri Samir Swarup assumes charge as Director (HR) of NLC India Limited.



Shri Saurav Dutta assumes charge as Director (Finance) of Balmer Lawrie & Co. Limited.



Shri Abhijit Ghosh assumes charge as Director (HR & Corporate Affairs) of Balmer Lawrie & Co. Limited.

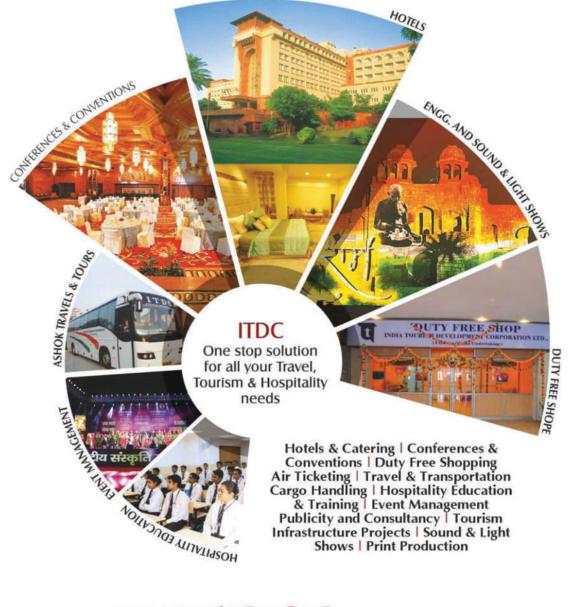


Shri Shantanu Roy assumes charge as Director (Mining & Construction Business) of BEML Limited.

57

MOST CREDIBLE AND TRUSTED BRAND IN TOURISM & HOSPITALITY





भारत पर्यटन विकास निगम लि. India Tourism Development Corporation Ltd. (Fastest Growing Mini-Ratna PSU 2015-DSIJ)

Regd. Office : Scope Complex, Core 8, 6th Floor, 7 Lodi Road, New Delhi - 110 003 India Tel. : +91-11-24360303 Fax : +91-11+-24360233 E-mail : sales@itdc.co.in Website : www.itdc.co.in

Download our Mobile App from Play Store (Android) or App Store (iOS)



A Government of India Enterprise) "MOIL BHAWAN" 1-A, Katol Road, Nagpur - 440 013



MOIL'S prominent products :

- High Grade Ores for production of Ferro manganese.
- Medium grade ore for production of Silico manganese.
- Blast furnace grade ore required for production of hot metal and Dioxide are for dry battery cells and chemical industries.



KEY STRENGTHS



- MOIL is the largest Manganese Ore producer in the country.
- MOIL has set up a plant based on indigenous technology to manufacture 1,500 MT per annum capacity of Electrolytic Manganese Dioxide (EMD). This product is used the Pharma and Chemical Industries dry battery cells.
- A Ferro Manganese plant having a capacity of 12,000 MT per annum is also set up for value addition.
- Strong mining experience can be leveraged to diversify into mining of other related minerals.
- Pursuing expansion plans to double its production in the next 4-5 years.
- Modernization of mines in full swing.

MOIL is also exploring the possibilities at international level to ensure its global footprint.

www.moil.nic.in

Regd. No. DL(S)-17/3229/2021-2023 RNI No. 37112/81

