

KALEIDO SCOPE

STANDING CONFERENCE OF PUBLIC ENTERPRISES



SCOPE organizes Bhoomi Pujan for 'Social Interaction Club' of PSEs



SCOPE - ICAI Workshop on 'Treasury and Financial Risk Management'

SCOPE to organize 'National Meet on RTI' in Lucknow



Scan to read other issues of KALEIDOSCOPE



KALEIDOSCOPE



For advertisement booking, write to:

Shubh Ratna
GM (Tech. & HR)

pr@scopeonline.in, 9873398242

Scan to read other issues
of KALEIDOSCOPE

Content

05 Message by Chairman

07 Director General's Desk

08 Meeting of SCOPE Executive Board held



08 SCOPE holds Bhoomi Pujan for 'Social Interaction Club' for PSEs



09 IOE Vice-President to the ILO and Spokesperson of the Employers' Group, ILO Visits SCOPE

10 Glimpses of Bhoomi Pujan of 'Social Interaction Club' for PSEs organized on 28th August, 2023 at SCOPE Complex, Lodhi Road, New Delhi.

12 SCOPE organizes Workshop on 'Treasury and Financial Risk Management of PSEs' in association with ICAI



13 SCOPE at Regional Consultation Meeting of SARTUC-SAFE held in Nepal

14 SCOPE at ILO's Workshop on 'Quality Apprenticeships' in Pretoria, South Africa

14 Independence Day celebrations at SCOPE

15 Interface with Stakeholders

16 SCOPE in Media

18 Looking back at 50 Glorious Years of SCOPE

20 Comments/Feedback received for Workshop on 'Treasury and Financial Risk Management of PSEs' in association with ICAI held on 17th August, 2023

Articles

21 PSEs' Endeavours and Contribution to the National Climate Agenda

25 AVNL's stride towards Atmanirbharta in Defence

26 Steel and Economy- A Look Back and Way Forward (Part- II)*

by Sushim Banerjee

32 Path Crossed and Road Ahead for CPSEs

by Surya Sarathi Ray

34 Smart Heart, Smart India, Smart World

by H. K. Chopra

41 PSE News
PSE News

62 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

finance@scopeonline.in

SCOPE Forum for Conciliation and Arbitration (SFCA)

sfca@scopeonline.in

General Queries

info@scopeonline.in



Vol. 43 No. 4 September 2023

KALEIDO SCOPE
STANDING CONFERENCE OF PUBLIC ENTERPRISES

ADVISORY BOARD

Atul Sobti
Director General, SCOPE

Shubh Ratna
GM (Tech & HR)

CHIEF EDITOR
Director General

EDITOR & PUBLISHER
Shubh Ratna

ASST. EDITOR
Lipi Singh

Total Pages : 64

Annual Subscription: Rs. 1,000/-

Price per copy : Rs. 100/-

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

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

Published and printed at New Delhi by
Shubh Ratna on behalf of Standing Conference of Public
Enterprises, Core 8, 1st Floor, SCOPE Complex, 7 Lodhi Road,
New Delhi-110003 • Tel.: 24361495, Fax: 24361371
E-mail: pr@scopeonline.in
at Royal Offset Printers, A-89/1 Naraina Industrial Area,
Phase-I, New Delhi - 110028

Designed by Marshall Advertising Company
Tel: 9811470033



Message by Chairman

The country's G20 presidency is reflective of India's prowess in the international economic scenario. It is notable that the G20 members represent not only 85 per cent of the global Gross Domestic Product (GDP) and 75 per cent of global trade but also two-thirds of the world's population. Making their role in shaping economic future of the world inimitable.

Contributing committedly to the nation's economy, Public Sector Enterprises (PSEs) are steadfast in expanding their avenues while equipping themselves to help convert the country into the world's manufacturing hub.

As an apex body, SCOPE over the past few months especially, has itself been taking a plethora of activities and recently the SCOPE Executive Board deliberated on the activities undertaken so far, and chart the future roadmap.

Turning a new page in SCOPE's history, the *Bhoomi Pujan* of SCOPE's 'Social Interaction Club' was held recently at SCOPE Complex, Lodhi Road. This will be the first-of-its-kind exclusive club for the Public Sector, providing recreational and wellness facilities.

SCOPE has also been associated by the Department of Public Enterprises (DPE) for the CSR Exhibition and Conclave being held in Pragati Maidan, New Delhi. This will reflect the various endeavours of PSEs in CSR and we look forward to vivid participation from across the nation.

SCOPE has always highlighted the various activities being undertaken by PSEs through its various efforts, and our magazine this time offers a special glance of the Independence Day celebrations at

various facilities. I encourage our readers to take a glimpse of the same.

Capacity Building in member organizations continues to be a focus area. As part of this, a uniquely designed one-day workshop was organized on 'Treasury and Financial Risk Management' by SCOPE in association with country's leading Institute of Chartered Accountants of India (ICAI). The enthusiastic response to our endeavour further invigorates us to conduct more such training workshops across the country.

Keeping up with our efforts to conduct program in different regions of the country, SCOPE is organizing 'National Meet on RTI Act' in Lucknow soon and as all our previous programs on the subject, we hope your organization will participate in huge numbers. Our past RTI Meet held in Leh, Ladakh was a success and I hope this one receives your full support as well.

In the coming months, SCOPE will continue to innovate and unearth newer opportunities of capacity enhancement, research and in-depth analysis on various subjects and their impact on PSEs. This while expanding our avenues of policy advocacy at various forums.

I look forward to your feedback and suggestions and hope your continuous support augments our zeal to promoting excellence in our member organizations.

Sandeep Kumar Gupta
Chairman, SCOPE



NATIONAL MEET ON RTI ACT



14th September - 15th September, 2023
(Thursday- Friday)

Inauguration
by

Shri Y. K. Sinha, IFS (Retd.)
Chief Information Commissioner, CIC

VENUE:
Hotel Clarks Avadh, 8, MG ROAD,
Lucknow-226001

For further details log onto:
www.scopeonline.in

OBJECTIVE:

The objective of the National Meet is to enable Chief Executives/ Directors / Executive Directors/ CPIOs/ PIOs/ APIOs/ Nodal Officers & Executives of CPSEs to gain better appreciation of the RTI Act and the issues involved for its effectiveness & true RTI implementation in their respective organizations. The participants will get the opportunity to deliberate on the latest developments / trends and get themselves updated in the area of RTI Act. Main focus shall be on Suo-Motu disclosures, commercial information, personal & fiduciary information latest developments in the RTI Act, challenges in Transparency Audit and to update their knowledge on the subject. The deliberations shall also include, sharing of experiences / good practices of CPSEs and challenges in implementation of the RTI Act by some of the PSEs, latest DoPT circulars, CIC and Courts decisions, etc.

REGISTRATION:

Nominations may please be forwarded latest by 12th September, 2023 to Ms. Hema Koul, Program Coordinator (Corp. Affairs), SCOPE at E-mail: ca@scopeonline.in, Mobile: +91 - 9560799550, Ph.: 011-24365418, 24361745.

Organised by

STANDING CONFERENCE OF PUBLIC ENTERPRISES (SCOPE)





Director General's Desk

The idea of 'Vasudhaiva Kutumbakam' or the 'world is one family' has long reflected as the essence of our civilization. This is also the theme of India's G20 presidency, reiterating that 'globalization' is here to stay with an interconnected and interdependent world.

Based on the idea of driving better networking and coherence amongst the PSE fraternity, in this age of communication, SCOPE as an employers' representative and apex body continues to take innovative measures in this direction.

Our next venture, the SCOPE's 'Social Interaction Club' is a milestone step by SCOPE, born out of a similar idea of creating a unique space for communication and collaboration, dedicated to the Public Sector. An exclusive facility that will offer a space in the heart of the city, to meet and exchange ideas, work together, while rejuvenating through recreational, sports and wellness facilities.

Bhoomi Pujan ceremony of the Club was recently conducted in the presence of Members of SCOPE Executive Board and senior officials from PSEs. We hope to bring this world-class facility to our members at the earliest and we look forward to the continued support of our members in the same.

SCOPE has also diversified its efforts of representing employers on various forums both nationally and internationally. Recently, SCOPE as Board member participated in the Governing Council Meeting of Dattopant Thengadi National Board for Workers Education and Development, deliberating on various pertinent labour and employment issues. SCOPE also represented PSEs at the 'India International MSME Expo & Summit – 2023' organized by MSME Development Forum.

Furthering our International partnerships, Ms. Renate Hornung-Draus, IOE Vice-President to the ILO and Spokesperson of the Employers' Group, ILO visited SCOPE discussing in-depth about the various endeavours of ILO-SCOPE and what the future holds for this alliance.

SCOPE also partook in deliberations at Regional Consultation Meeting of SARTUC-SAFE held in Nepal regarding migrant workers and ILO's Workshop on 'Quality Apprenticeships' in Pretoria, South Africa as employers' representative. SCOPE continues to fathom

opportunities of representing Indian employers at pivotal international forums.

Envisioning a better future, creating conducive skilling and capacity enhancement opportunities, SCOPE continues to conduct various programs and workshops. As part of this, SCOPE associated with I2P2M for a workshop on 'Totality of Project Management' aiming to equip project leaders and managers to handle challenges at work, by acquiring conceptual framework and best practices.

Our upcoming program on Right to Information Act, has been one of our most popular programs and I am happy to share that Shri. Y.K. Sinha, IFS (Retd.), Chief Information Commissioner (CIC) will be inaugurating the program in the presence of Guest Shri Bhawesh Kumar Singh, State Chief Information Commissioner, U.P. Information Commission.

This program seeks to edify the knowledge regarding RTI Act amongst appellate authorities, Public Information Officers, Senior officials etc. As we want officials from across the country to benefit out of this program, we have been conducting it in various parts of the country.

In the coming months we are also planning to conduct more programs for PSEs' the and continue our mission and vision to associate with various stakeholders from across the globe.

Programmes & Initiatives launched (since last issue of KALEIDOSCOPE)
SCOPE celebrates Independence Day- 15th August, 2023
SCOPE - ICAI Workshop on 'Treasury and Financial Risk Management for PSEs' – 17th August, 2023
' <i>Bhoomi Pujan</i> ' of SCOPE 'Social Interaction Club' organized - 28th August, 2023
SCOPE as associate in I2P2M's Workshop on 'Totality of Project Management'- 29th, 30th & 31st August, 2023
Programmes & Initiatives in the offing
SCOPE's National Meet of RTI, Lucknow – 14th - 15th September, 2023
SCOPE- ILO study on Skilling for Future

Atul Sobti
Director General, SCOPE

Meeting of SCOPE Executive Board held

The Meeting of SCOPE Executive Board was organized on 28th August, 2023. Shri Sandeep Kumar Gupta, Chairman, SCOPE chaired the meeting that deliberated on the activities undertaken by SCOPE over the past few months and the way ahead.

Chairman, SCOPE enthused the board to continue undertaking integrative and innovative steps in making SCOPE a dynamic body. Various activities initiated by SCOPE over the past few months were discussed. Shri Atul Sobti DG, SCOPE also addressed the meeting reflecting on various SCOPE activities including SCOPE representing Employers on various National and International Forums,



Shri Sandeep Kumar Gupta, Chairman, SCOPE; Shri Atul Sobti DG, SCOPE and Members of SCOPE Executive Board during the meeting

Constitution of Committees by SCOPE, MoUs signed with esteemed organizations, workshops and programmes organised for capacity enhancement of PSEs etc. SCOPE's endeavours towards pertinent issues such as

Climate Change Mitigation, Women Empowerment, Labour and employment etc. were also discussed during the meeting along with the future capacity enhancement programs in the pipeline.

SCOPE holds Bhoomi Pujan for 'Social Interaction Club' for PSEs

The Meeting was followed by the Bhoomi Pujan of 'SCOPE Interaction Club' for Public Sector fraternity. This is a landmark endeavour towards its commitment of promoting excellence and coherence in PSEs.

The Social Interaction Club situated at SCOPE Complex, Lodhi Road, New Delhi is the first-of-its-kind, Club for PSEs offering world-class Social, Cultural and Recreational Facilities.

The Bhoomi Pujan was performed by Shri Sandeep Kumar Gupta, Chairman, SCOPE & CMD, GAIL and Shri Atul Sobti, DG, SCOPE along with Executive Board Members of SCOPE, CMDs, Directors and Senior officials of PSEs and SCOPE.



Shri Sandeep Kumar Gupta, Chairman, SCOPE & CMD, GAIL; Shri Atul Sobti DG, SCOPE and other Members of SCOPE Executive Board during Bhoomi Pujan ceremony

IOE Vice-President to the ILO and Spokesperson of the Employers' Group, ILO Visits SCOPE

Ms. Renate Hornung-Draus, IOE Vice-President to the ILO and Spokesperson of the Employers' Group at the ILO visited SCOPE on 22nd August, 2023. Shri Atul Sobti DG, SCOPE, Shri Arvind Francis, Secretary (Coordination), CIE and Senior members of SCOPE were present during the meeting.

Welcoming Ms. Renate, Shri Atul Sobti shared that as with India playing a pivotal role in the global business scenario, role of the corporate sector including the Public Sector Enterprises (PSEs) cannot be undermined. He highlighted the year on year growth of the public sector and how the fraternity is creating a balance of social and economic growth of the country. As PSEs continue to exhibit an integral role, he further reiterated that SCOPE is also committed to playing a dynamic and multifaceted, providing a platform for interface, between industry and stakeholders while undertaking capacity building through timely and relevant programs and research work. He mentioned the various recent endeavours undertaken by SCOPE and also presented briefly the future roadmap for strengthening its vision as an employers' representative body. Ms. Renate appreciated the association of SCOPE with GIZ, Germany as an employers' representative working closely to integrate efforts being undertaken



Ms. Renate Hornung-Draus, IOE Vice-President to the ILO & Spokesperson of the Employers' Group at ILO and Shri Atul Sobti DG, SCOPE during Ms. Draus's visit to SCOPE.



by PSEs in Climate Change Mitigation and the support and guidance that GIZ can provide in 'Green Skilling'. She called for further such collaborations

and efforts to ensure proper integration of efforts between organizations, their employers and employers bodies to suffice social and economic progress.

Glimpses of Bhoomi Pujan of 'Social Interaction Club' for PSEs organized on 28th August, 2023 at SCOPE Complex, Lodhi Road, New Delhi.



SCOPE organizes Workshop on 'Treasury and Financial Risk Management of PSEs' in association with ICAI

SCOPE in association with the Institute of Chartered Accountants of India (ICAI) organized an Interactive Workshop on 'Treasury and Financial Risk Management of PSEs' on 17th August 2023. Shri Atul Sobti, Director General, SCOPE; Shri Rakesh Kumar Jain, Director (Finance), GAIL; CA (Dr.) Anuj Goyal, Chairman, Research Committee, ICAI; Shri Lokesh Kumar Aggarwal, Director (Finance), ITDC & Member, SCOPE Executive Board and Dr. Amit Kr. Agrawal, Secretary, Research Committee, ICAI addressed the inaugural session.

The workshop aiming to equip participants about treasury management strategies and effective financial risk mitigation techniques was attended by 59 participants from 27 organizations. Speaking at the inaugural session, DG, SCOPE mentioned that the historic role of finance professionals has transcended from merely accounting, to crucial decision making in the organization, due to their in-depth knowledge of an organization's operations. He also shared that seeing the importance of the subject of Treasury and Risk management in finance, SCOPE organized this workshop and encouraged participants to benefit from the workshop deliberating on the pivotal topic.

Shri Rakesh Kumar Jain, Director (Finance), GAIL shared the



(L-R) Shri Lokesh Kumar Aggarwal, Director (Finance), ITDC & Member, SCOPE Executive Board; Shri Rakesh Kumar Jain, Director (Finance), GAIL; Shri Atul Sobti, Director General, SCOPE; CA (Dr.) Anuj Goyal, Chairman, Research Committee, ICAI and Dr. Amit Kr. Agrawal, Secretary, Research Committee, ICAI during the inaugural session.

industry perspective on the subject. He shared that there is an incessant need to regularly review an organization's policies with regard to treasury and risk management, not only to align with the current market conditions but also to review their relevance.

CA (Dr.) Anuj Goyal citing the importance of treasury and risk management, shared that more

than ever, these areas are key to the success of an organization in the present scenario. Adding that while it is important for an organization to meet its financial goals, if there is inadequate risk management, it can lead to severe consequences. He signified the importance of the finance professionals and urged them to upskill themselves according to the latest innovation and



Experts during the Panel discussion

technological progress in the sector.

Shri Lokesh Kumar Aggarwal shared that the importance of the subject can be seen from the impact it has on the economy of the country and encouraged SCOPE and ICAI to conduct more such programs in the future for financial knowledge enhancement of PSE professionals.

The inaugural session was followed by technical sessions on 'Dynamics of treasury investing in line with economic trajectory' and 'Understanding the hedging of currency and interest rate exposure through derivatives' taken by Shri K.P. Sasidharan,



DG, SCOPE addressing participants during the inaugural session.

Ex-DG Commercial, C&AG and CA. (Dr) Aman Chugh and session on 'Financial Risk Management' by CA. Ruchi Shukla.

Best practices of Treasury and Financial Risk management

were then shared by senior officials from IOCL and NTPC. After this, an engrossing Panel discussion saw enthusiastic participation from those attending the session.

SCOPE at Regional Consultation Meeting of SARTUC-SAFE held in Nepal

SCOPE participated in the regional consultation meeting of South Asian Regional Trade Union Council (SARTUC), in collaboration with ILO (GOALS Project). The two-day regional consultation on 'SARTUC-SAFE further collaboration in the protection and welfare of South Asian migrant workers' was held in Kathmandu, Nepal on 13th and 14th August, 2023.

The regional consultation adopted the Joint Resolution between SAFE and SARTUC to work together for safe, responsible and legal migration to protect the rights of the Migrant Workers. The regional consultation was crucial for workers and employers to discuss the issues of labour migration, and addressing the challenges faced by South Asian migrant workers.



DG, SCOPE and other representatives during the SARTUC-SAFE's regional meeting held in Kathmandu, Nepal.

Shri Atul Sobti, DG SCOPE representing Council of Indian Employers at the meeting shared that the Government of India is working incessantly towards issues of Labour and employment, migration of workers and new laws have been implemented in the country. He added that SAFE shall try to interconnect with the

regional platforms of employers and there is a need to understand the needs and requirements of migrant workers. He encouraged the need to understand that migrant workers do not only aim to earn but are also eager to 'learn' and stated that such platforms are pivotal to take forward issues and compile best practices.

SCOPE at ILO's Workshop on 'Quality Apprenticeships' in Pretoria, South Africa

SCOPE participated in High-level policy Dialogue and Capacity Building workshop on "Quality Apprenticeships" organized by the International Labour Organization in Pretoria, South Africa. The workshop, held from 31st July to 4th August, 2023, was part of the South-South Triangular project (SSTC)- 'Promoting quality apprenticeship' in India, South Africa, Ethiopia, China and Switzerland. The project, built on the concepts of capacity building, focussed on networking and cooperation between the relevant institutions of the participating countries so as to identify policy options and innovative solutions, for reforming their national apprenticeship system.

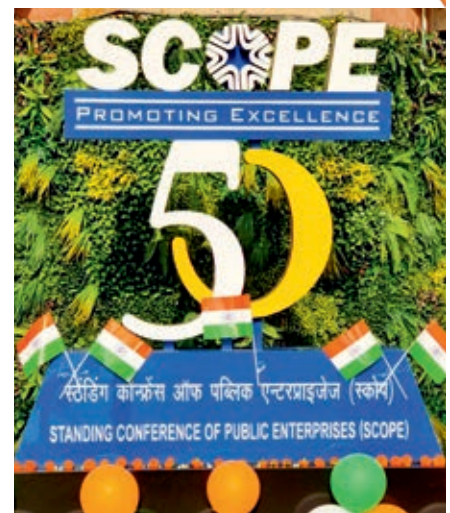


Indian Tripartite delegation including Ms. Samridhi Jain, SCOPE with Ms. Banu Prakash, Deputy High Commissioner, High Commission of India, South Africa

At the request of ILO, SCOPE nominated a senior official to participate in the High-Level Policy Dialogue as employers' representative from India. Each country delegation presented an action plan at the end of the

workshop and the action plan of the Indian delegation focussed on engagement of industries, aligning apprenticeship with Industry 4.0 and adopting some best practices from participating countries.

Independence Day celebrations at SCOPE



SCOPE Complex, Lodhi Road and SCOPE Minar, Laxmi Nagar buildings decorated during 77th Independence Day celebrations

Interface with Stakeholders



DG,SCOPE at 'India International MSME Expo & Summit' organized by MSME Development Forum.



PRCI & PRSD delegation met DG, SCOPE and apprised him on the latest in the PR world.



Shri Atul Sobti DG, SCOPE called upon Smt. Parminder Chopra on assuming charge as CMD, PFC wishing her success for the future.



DG, SCOPE inaugurates workshop on 'Totality of Project Management' by I2P2M in association with SCOPE being organized at SCOPE Convention Centre, New Delhi.

Looking back at 50

SCOPE, founded in 1973, with the objective to serve the Public Sector. Since its inception, SCOPE has championed the incessant and their commitment to providing opportunities for

Then

BUILDING PUBLIC SECTOR BRICK BY BRICK



SCOPE COMPLEX—A Collective Home for Public Sector.

It is for the first time that as many as 26 Public Sector Enterprises have come together in an endeavour to give unto themselves a permanent home and above all a physical identity under the banner of SCOPE.

SCOPE COMPLEX is located in one of Delhi's prime areas on Lodhi Road. Looking back into the pages of history and far beyond into mythology this area always figures as seat of dazzling empires, as scene of fierce battles and also a place from where spread the gospel of love and universal brotherhood. The tomb of famous sufi saint Nizamuddin Aulia, a few hundred yards away from SCOPE COMPLEX, still

attracts millions of people every year in search of peace and love. The area abounds in the remnants of ancient tombs, forts, gardens and mosques, and temples. Jawaharlal Nehru Stadium, the centre of great sporting events, is at a stone's throw from SCOPE COMPLEX.

SCOPE COMPLEX, a symbol of physical identity of public sector, and resurgent hopes of people of India adds another dimension to the historical landscape of the area.

Designed by Raj Rewal as a conglomerate of eight hexagonal cores, each column

Glorious Years of SCOPE

Public Sector, SCOPE completed 50 years of its existence in April 2023. Since its inception, SCOPE has championed the incessant contribution of Public Sector Enterprises (PSEs) as nation builders and their commitment to providing opportunities for conducive learning and development.

Now

SCOPE Conceptualizes one-of-its-kind 'PSU Club' in India



Turning a long lying wish of having an exclusive Club for Public Sector Enterprises, SCOPE set the foundation stone for the first-of-its-kind 'Social Interaction Club' for PSEs at SCOPE Complex, Lodhi Road, New Delhi.

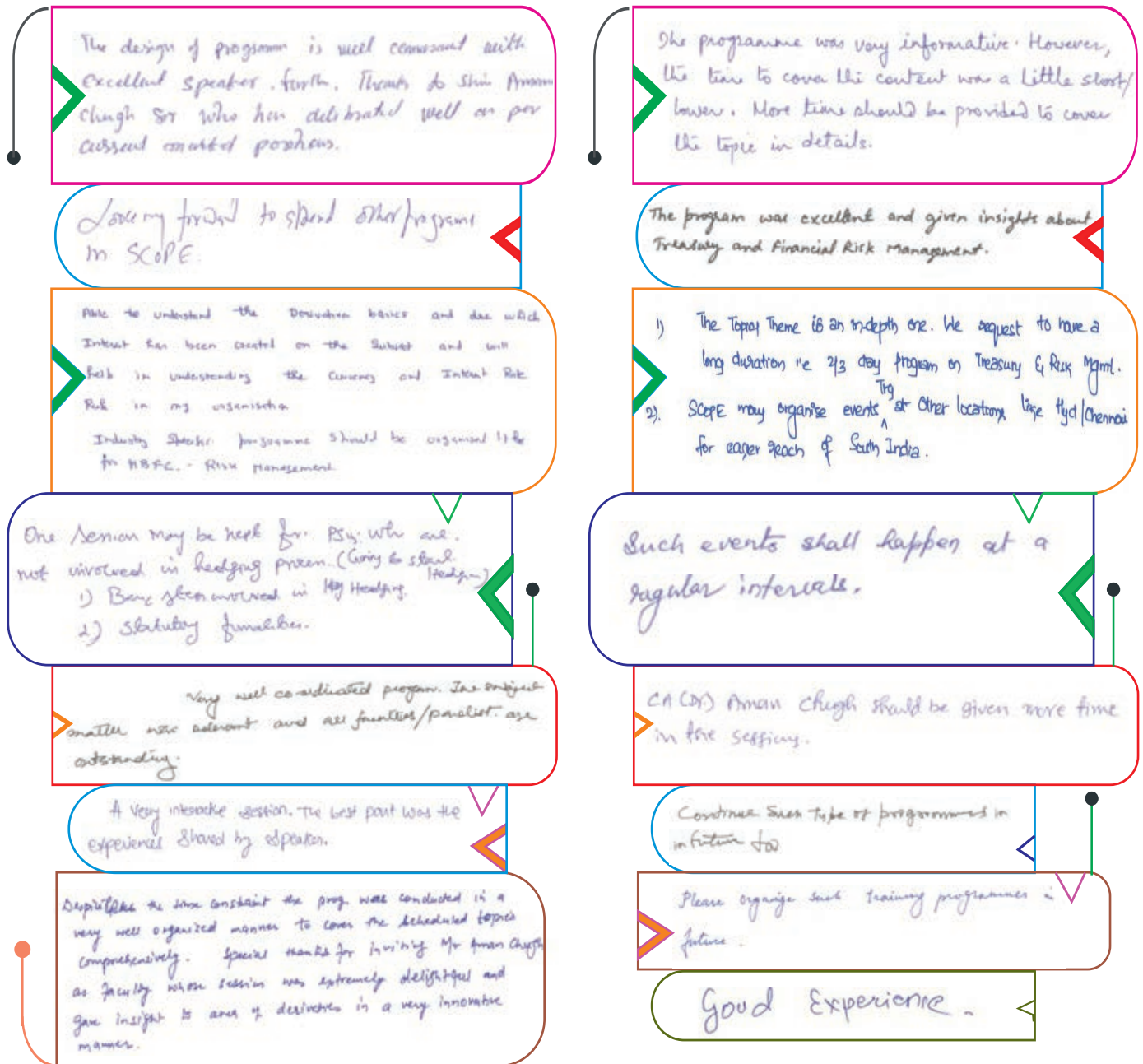
Located in the heart of the city, the Social Interaction Club promises to offer an ensemble of world-class Social, Cultural and Recreational Facilities.

After two architectural marvels, SCOPE Complex, Lodhi Road and SCOPE Minar, Laxmi Nagar, known for their prominent location and world-class facilities, SCOPE's new facility will be the go-to-place for the fraternity to network and exchange of views and ideas. Besides members will benefit from various rejuvenating facilities for physical and mental wellness.



Comments/Feedback received for Workshop on 'Treasury and Financial Risk Management of PSEs' in association with ICAI held on 17th August, 2023

Recording of the Inaugural session of the program is available on our website : www.scopeonline.in



PSEs' Endeavours and Contribution to the National Climate Agenda



Atul Sobti
Director General, SCOPE

1. Why Should PSEs focus on and contribute to the Climate Agenda?

Climate change is today the biggest challenge on the planet and now we have moved beyond the environmental concerns of the government as it is increasingly being recognised as a grave concern by individuals, corporates and industries alike. Public Sector Enterprises (PSEs) are no different than others.

Since India's Independence, PSEs have played a crucial role in the socio-economic development of the country. They have played a significant role in establishing the strategic sectors in the country while enabling the country to develop its economic presence in the globe. Today also, PSEs play a major role in driving India's economy. They contribute over 13% to India's GDP and are dominantly present in strategic sectors of the country, including hard-to-abate sectors such as oil, gas, coal, power, steel, fertilisers, etc. This can be seen from the fact that about 89% of coal production is by PSEs, about 75% and 65% of production of oil and gas is by PSEs respectively, and about 50% power installed capacity is owned by PSEs with the actual generation at 70%. This implies that as PSEs have significant presence in strategic sectors, at the same time, due to the inherent nature of their operations in some sectors, they add to the GHG emissions of the country making it necessary for them to play a major role to address climate change issues and support the Government of India.

But the irony arises where on one hand, energy transition is important for the country, on the other, energy security is equally important necessitating the need to balance both ensuring economic development along the lines of sustainability, climate actions and protection of our environment. In this regard, it is important for PSEs to support and supplement the Indian Government efforts to meet its climate goals. The engagement with PSEs is crucial to combat climate change (greenhouse gas emissions) through innovative solutions and further support the Indian Government to meet its climate goals and achieve the energy transition in the country.

2. What are some of the challenges for PSEs working in the hard-to-abate sectors to achieve decarbonisation?

The challenges are crucial and to be addressed not only by PSEs but the country as a whole. For example, let's talk about the coal sector, wherein today India is the second largest producer of coal and has the fifth largest coal reserves in the country.

Let's explore this further at country level. The economies of several Indian states such as West Bengal, Orissa, Jharkhand, Chhattisgarh, Madhya Pradesh, Telangana, etc are dependent on coal. It's like a way of life. About 50% of the districts in Jharkhand and West Bengal and 30% of the districts in Orissa and Chhattisgarh are dependent on a coal-based economy. We need to think about the people and families at



This interview was featured in [IKI India & Climate Policy Newsletter April-June 2023](#).

large who have been doing this work in the mining sector for the last 200 years or so in fact generationally. How are we going to be prepared to transition such people to new jobs or sources of income? The just transition cannot be immediate and comes with economic as well as social and political implications and decisions.

With regards to the public sector and its contribution to the Indian economy, especially in hard-to-abate sectors, PSEs are going to feel the pinch of decarbonisation. For example, while transitioning from a coal-based economy to a non-conventional energy-based economy, what happens to the organisations in the country engaged in Coal mining? Also, what happens to the power generation wherein thermal power plants play a significant role. Further ahead, what about people employed in them and who are skilled in this sector? These are some questions we not only need to ponder but also be prepared for as ultimately, we need to move forward towards this goal of decarbonisation and hence, in doing so, we need to ensure that adequate processes are developed for the journey towards the just transition and support India's commitment towards achieving Net-Zero by 2070.

Several innovative technologies are already in place by various PSEs including adoption of renewable energy as well as measures by the Indian government. This can be seen in the first Green Hydrogen fuelling station to be set up by NTPC in Leh Ladakh and India's National Hydrogen Mission which is budgeted at approx. USD 2.3 Billion. This journey of the processes, measures, and approaches by PSEs should be implemented along the lines of sustainability and carbon neutral in order to move towards Net-Zero

3. What is the role of SCOPE in supporting PSEs for climate action and the journey towards Net-Zero?

SCOPE has been working with PSEs in the area of climate change. For this purpose, SCOPE is fortunate to have partnership in GIZ with whom we have been working since 2019. Till now, SCOPE has signed three MoUs with GIZ India, wherein initially the MoU in 2019 focussed on awareness creation, the subsequent MoUs gradually expanded to exploring best practices on mitigation technologies for climate actions as well as handholding PSEs in innovative measure for climate impact mitigation. Recalling the successful partnership and cooperation over the past four years, the new MoU between SCOPE and GIZ India will further enhance the capacities of PSEs for climate action, explore work on carbon markets and carbon pricing, and focus on solutions to achieve inclusive and sustainable development to achieve low-carbon transition.

In addition, SCOPE is also part of the Council of Indian Employers and participates at various international forums such as the United Nations, International Labour Organisation etc, advocating for a just transition and achievement of the global SDGs.

4. How do you see the role of the Indo-German development cooperation in supporting PSEs for contributing to climate goals?

The collaboration and cooperation between any two countries depends on the how well their relationships are defined. In case of India and Germany, I must say that we are very fortunate to have good relations for long as they share strong democratic fundamentals while engaging extensively in trade and investments.

Germany is India's largest trade partner in European Union, while India is Germany's fourth largest partner in the Indo-Pacific Region. Also, the trade relations can be seen from the fact that Germany is the 9th largest investor in India whereas as per media reports, in Germany, more than 200 Indian companies are engaged in trade, R&D, innovations, etc. This shows the positive relationship, effective dialogues, and strategic relations between the two countries.

Case example for technology transfer from Germany

"In my previous role where I led one of the largest PSEs in the country, Bharat Heavy Electricals Limited (BHEL), we were talking about energy security coupled with lower emissions and higher efficiency. At that time, we collaborated with SEIMENS Germany for the adoption of technology for super critical power projects. This technology brings high efficiency and low emissions in power generation. This collaboration for technology transfer has given a lot of benefits to India as majority of power plants set up in India post the collaboration with SEIMENS and BHEL are based on the same technology".

As I said earlier, energy security coupled with lower emissions and higher efficiency is important. In this regard, I feel Germany can play a major role in India especially when it comes to technology transfer. The knowledge and technology sharing by Germany is vital for both countries for ensuring development of low-carbon technologies, reducing emissions and enhancing mitigation actions by the corporate sector including PSEs. In fact, technology transfer from developed countries to developing countries has also been a vital discussion in the recent Conference of Parties (COP). In addition, skilling, upskilling is required in the Indian corporate sector and this can be largely supported by developed countries like Germany, etc. Further, a lot of work must be done in the space of Circular Economy which can be accelerated with the help of German collaboration.

I feel the German Co-operation in supporting PSEs to contribute to their climate goals is vital as it will add value to the ongoing efforts of the country as a whole. and the ongoing Indo-German development cooperation is certainly benefitting the two countries and especially PSEs in contributing to India's climate goals.

5. How do you see the role of Research and Development by PSEs for innovations for low-carbon transformation?

India is the fifth largest economy in the world and slowly transitioning towards becoming the third largest economy worldwide. In order to continue with the target to achieve this, R&D and innovations plays a vital role and hence, should be the main focus with value addition and increase in allocation/ expenditure at the national level. While the government actively promotes and supports R&D activities in the country, it is the need for corporates also to diversify their resources towards R&D so as to not only serve the present requirements but also be sustained in the future.

In this regard, PSEs are also undertaking considerable actions and the kind of investments in the various sectors are notable and significant with total expenditure close to 70 million dollars per year.

Basically speaking, R&D can be of three kinds: basic R&D, technology acquisition and joint works with partners including private sector, governments and international organisations. PSEs in the country are applying all forms of R&D mentioned above especially in the field of climate change. The recently released SCOPE-GIZ Compendium on innovative technologies, products & processes by PSEs in India reflects on the various R&D innovations that the Indian PSEs have undertaken to mitigate climate impact and also reduce carbon emissions.

However, there are a few aspects that need to be kept in mind so as to undertake innovations - scalability, sustainability and indigenisation. Also, it is important to ensure that in the long run the innovation should be economically viable. The indigenisation and development of manufacturing capacities can be achieved with the support and cooperation of the Indian government. Also, PSEs need to explore public-private partnerships while exploring collaboration with other PSEs. With support of all, we are positive that the focus on R&D will increase multi-fold in the country.

6. What do you think are opportunities for financing low-carbon approaches with regards to technology transfer, innovations and domestic or international financing?

Financial needs are evident for all the corporates and hence, PSEs are not unique in this aspect. We need to understand the capabilities of individual organisations and corporates. Organisations such as NTPC, Indian Oil Corporation, etc are coming forward not only for R&D works but also for manpower development in the area of energy transition, especially in the context of the recently announced National Hydrogen Mission by the Indian government. The existing support by the government is promising and comes with the possibility of short-term and long-term benefits. While, PSEs attempt to be self-sustaining with the help of policy support from the various stakeholders, the financing and technology support from developed countries is also important. This was also highlighted during the 27th United Nations Climate Change Conference (COP27) and establishment of the Loss and Damage fund was also deliberated amongst the participating countries so as to explore funding opportunities from the developed countries to the developing countries. In addition, it is also important for PSEs to explore innovative and new financing options such as green bonds, etc.

7. How can SCOPE support PSEs in developing capacities for climate actions and what are the some of the future opportunities?

Collaboration of SCOPE & GIZ is focussed on empowering and strengthening PSEs in the domain of climate change mitigation so as to make them non-carbon emitters. The partnership is executing this through various endeavours including capacity building, skill development, knowledge sharing and publications.

Through the existing collaboration with GIZ, SCOPE conducted extensive regional training workshops for PSEs for awareness generation as well as successful handholding support to select PSEs for climate change mitigation actions. Besides, we have worked with several organisations on carbon pricing, which is proving to be a significant area for PSEs and climate actions. Further, to ensure knowledge exchange, various publications are being developed by the partnership so as to encourage peer learning.

To summarise, it is becoming increasingly important to enhance the skills of PSEs to be able to work in focus areas (carbon policy, carbon pricing, climate finance), especially on energy transition. Hence, the partnership is working both on skill development and knowledge sharing so as to give an all-around strength to PSEs. In fact, this forms the core focus of our work with GIZ India.

8. During the recent MoU Signing Ceremony between SCOPE and GIZ India on 24 May 2023, His Excellency German Ambassador to India Dr Philipp Ackermann said the following statement, "The world cannot do without India and India cannot do without its PSEs for climate action." Your thoughts on this.

Being physically present during this event and the opportunity to listen to the German Ambassador, I agree with this statement.

India is the fifth largest economy in the world and is expected to become the third largest economy in the near future. Given its pace of growth and resilience to various global crisis situations, India holds a strategic position in the global map. Given its significant position, as a developing economy, it is also crucial for shaping global climate actions with regards to its contribution towards carbon emissions. In this regard, the statement is rightfully said, the world cannot do without India.

In the journey of India towards the growth trajectory, Indian PSEs have also played a vital role, their endeavours to strengthen the country in various sectors has been pivotal in developing the industrial base of the country. Today, PSEs contribute more than 13% of the Indian GDP, this is close to about 389 billion USD in revenue. Of total GDP figures available worldwide, only 20% countries are above the threshold of 389 billion USD including India. This shows the enormous and huge value of operations by PSEs across sectors in our country.

But, as the PSEs continue to play a significant role in furthering various sector of the country, they are also operating in necessary but hard-to-abate sectors, and hence, their integral engagement for reducing emissions is of utmost importance. Hence, PSEs definitely play a major role for climate actions together with the Government of India.

So I completely agree with the statement that World cannot do without India and India cannot do without its PSEs for climate action.

AVNL's stride towards Atmanirbharta in Defence



Armoured Vehicles Nigam Limited (AVNL), a key player in India's defence manufacturing sector, celebrated a momentous achievement on July 7th, 2023, by honoring Indian Industry Partners for their outstanding contributions to the successful indigenization of eight major sub-systems (LRU) of the Tank T-90, manufactured by the Heavy Vehicle Factory (HVF), Avadi, and the Infantry Combat Vehicle (BMP-II), manufactured by Ordnance Factory Medak (OFMK), Hyderabad. The felicitation program was a testament to the dedication and exemplary work of the AVNL Nodal Officers and the Indian Industry Partners.

With this, AVNL Units have achieved the indigenization of a total of 12 major sub-systems (LRU) in collaboration with Indian Private Partners during

the year 2022-23. These vital systems include Starter Generator, Decontamination Set, Link Loading Machine Assembly, Electric Motor, Gyro Drift Indicator, Filtering & Ventilation System, Optical Quadrant KO-60, Cooling System, Ventilation System, Alarm Signalling Unit BAC-6A, Automatic Unit, and Relay Regulator. These milestones have significantly boosted the indigenization levels to an impressive 96% for Tank T-72, 83% for Tank T-90, and 98.5% for ICV BMP-II.

In order to boost 'Make in India' and bolstering 'Atmanirbharta' in Defence, AVNL has actively engaged in collaborative efforts with Indian Industries to produce crucial items and sub-systems indigenously. AVNL has initiated actions for indigenization on 19 additional LRUs that are currently in various stages of

development. This endeavor is supported by Source Development Orders or Project Sanction Orders under Make-II. The impact of AVNL's successful indigenization efforts extends beyond economic advantages. By reducing dependence on imports, offering competitive pricing, and saving foreign exchange, AVNL is playing a vital role in reinforcing India's strategic autonomy and strengthening its defence capabilities.

AVNL's accomplishments stand as a beacon of India's progress towards self-reliance in defence manufacturing. With steadfast determination and unwavering support from our Industry Partners, AVNL is poised to be a driving force in shaping India's future as a self-reliant and robust global player in defence manufacturing.



Steel and Economy- A Look Back and Way Forward (Part- II)*



Sushim Banerjee

CEO, Indian Iron and Steel Sector Skill Council

Indian Steel Market

Indian economy in the post COVID period has shown its resilience in clocking a fairly respectable GDP growth of 7 per cent in FY23 as per the latest estimates released by the Government. For 2023-24 RBI in its Monetary Policy Statement has estimated that the country (at Constant prices) would grow

at 6.5 per cent comprising of 7.8 per cent in Q1, 6.2 per cent in Q2, 6.1 per cent in Q3 and 5.9 per cent in Q4. The economy had grown by 20.1 per cent in Q1 of FY22 followed by a growth of 8.4 per cent in Q2. All constituents of aggregate demand expanded with exports and imports much exceeding the pre-COVID 19 levels.

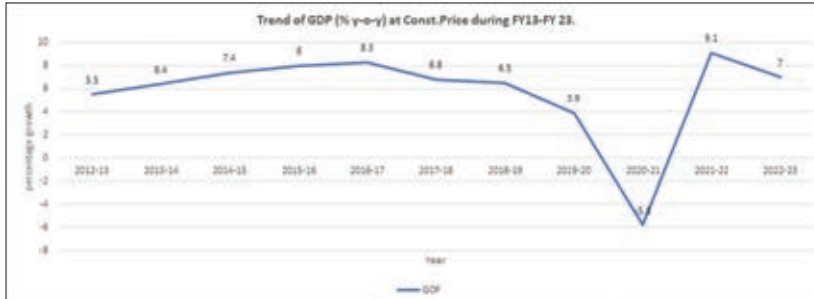
The rate of PFCE has sharply come down from 11.2 per cent in FY22 to 7.7 per cent in FY23, while the rate of growth of GFCF has also, however the current rate at 11.5 per cent is a good demand driver for Steel in FY 23. The thrust on the Capex especially for the Infra sector in the Budget for FY24 should further boost Steel consumption in the country in the coming months.

On the supply side the Gross Value Added (GVA) rose by 6.6 per cent in FY23 against 8.8 per cent in FY22. The following table compares the trend of growth of basic parameters in FY22 with FY23.

Table-7: Growth trend of Indian economy in FY22 & FY23 (at Const. Pr)

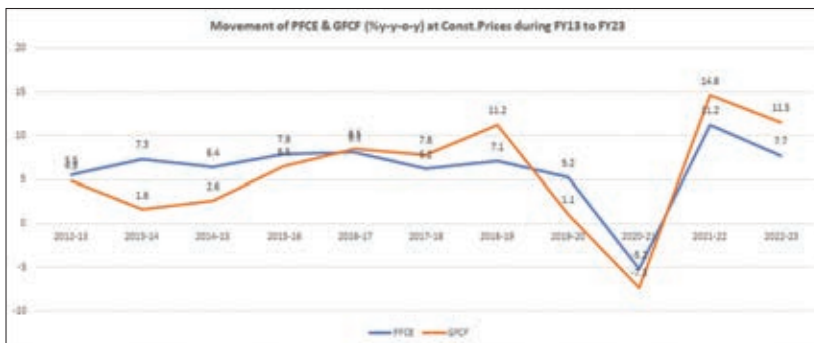
Indicator	Growth rate (%) in FY22	Growth rate (%) in FY23
GDP at constant prices	9.1	7.0
GVA in Agriculture (15.1)	3.5	3.3
GVA in Industry (30.6)	11.6	3.6
GVA in Service (54.3)	8.8	9.4
Private Consumption exp (58.5)	11.2	7.3

Chart-1: Movement of GDP at Const. Prices during FY13 to FY23



Source: MOSPI

Chart-2: Movement of PFCE & GFCF (% Y-O-Y) at Const Prices in FY13 to FY23



PFCE: Private Final Consumption Expenditure, GFCF: Gross Fixed Capital Formation.
Source: MOSPI

Govt. consumption exp (10.0)	6.6	1.2
Gross fixed capital formation at market prices (34.0)	14.6	11.2
Exports (23.1)	29.3	11.5
Imports (26.0)	21.8	18.8

Source: CSO, Figures in brackets indicate current percentage share in GDP in FY23

It is seen that in FY23 there is a dip in share of GVA in industrial segment with growth in Service sector GVA. Further the drop in private consumption expenditures as well as in Government expenditures had impacted the growth in consumer durable and Intermediate sectoral performance. However, the reasonably good share of investment in the economy bodes well for Steel demand. Export growth has come down in FY23 and it got reflected in dwindling share of Steel exports also. Imports have maintained a healthy trend.

The Budget for FY24 focusses on Capex among other priority areas- a huge contributing factor to generate adequate Steel demand.

Capex details

Aggregate capex including Budgetary support, grants for capital creation and internal and extra budgetary resources (IEBR) of Rs. 18.6 lakh crores is 28% more than 2023 (RE): The direct budgetary support of Rs 10 lakh crores is 33 % rise from Rs. 7.5 lakh crores in FY23 (RE). There is an additional Rs. 1.3 lakh cr. to boost infrastructure out of 50-year interest free loans to the states.

11 Core infra segments (Railways, Roads, Defence, Oil and Gas, Rural development, Housing and Urban Affairs, Power, Renewable energy, Water resources, Shipping and Civil Aviation) account for around 65% of overall capex. Roads and Railways account for 44% of the overall infra capex.

100 critical transport infra projects for last mile and first mile connectivity for ports, coal, Steel, fertilizer and food grains have been identified with an allocation of Rs. 75000 crores out of which the Private sector would contribute Rs. 15000 crores. The logistic cost which has reached nearly 12-13% of the project cost would be reduced by this measure.

The setting up of Infrastructure Finance Secretariat would facilitate more private investment in infra sector. The Government is also reviewing the list of infrastructure sectors where Steel is to be included.

Green Energy

Transition to Green energy is a welcome step for Steel industry. The allocation to new and renewable energy is enhanced to Rs. 47591 crore (Rs. 34490 crore). Green Hydrogen Mission, Ministry of Petroleum to make energy transition with high investment (Rs. 20000 crore), Battery Energy storage systems with 4000 MWH capacity has been proposed.

Under Faster Adoption of Manufacturing of Hybrid and Electric Vehicles (FAME) scheme, a budgetary allocation of Rs. 5172 crore. (Rs. 2908 crore) Plus tax incentive (customs duty exemption on import of machinery to make Lithium-ion-cells) has been proposed.

Automobile

Auto sector (9 per cent of Steel consumption) was in a growth trajectory in 2022 with a high growth in passenger cars followed by commercial vehicle segment despite lower demand from rural sector for 2 wheelers. Medium and Heavy commercial vehicles is likely to exhibit a growth of 35%. 9 lakh Govt. vehicles (passenger cars and CVs) > 15 years' old is to be scrapped which would lead to more demand for CVs and PCs.

Inflation across the world eased in major economies in the past 2 months. Consumer inflation in USA in May'23 came down sharply at 4 per cent, while UK observed inflation at 8.7 percent, Japan at 3.5 per cent and Euro Zone indicated 6.1 per cent inflation rate in May'23.

Headline CPI inflation in India which ended the year 2022-23 at 5.66 percent, moderated to 4.3 per cent in May'23. It is heartening to note that food inflation dropped to 3.3 per cent in May'23. Core inflation was unchanged at 5.1 per cent in May'23.

RBI has kept Repo rate stable at 4.0 per cent since May' 20 to April' 22. As both CPI and WPI began their upward journey since May' 22, RBI intervened with making changes in Repo rate till it touched 6.5 per cent in February' 23. In the last monetary Policy meeting in June' 23, the rate has been left unchanged. Globally the hiking of the interest rate by the Central Banks of USA, EU, UK have been regular in FY23 which has initially induced some capital flight from India to other countries.

As regards drivers for Steel consumption growth, both

consumption and investment in the economy provide necessary inputs. However, the actual output growth of industry segment, the most Steel intensive component of Steel demand as compared to agriculture and service sectors, are indicative of the sustainability of the demand push factors. This is reflected in the following table of trend in IIP (Index of Industrial Production).

Table-8 : Rate of Growth (%) of Industrial Production: FY23/22

Index	2022-23	2021-22
Mining	5.8	12.2
Manufacturing	4.7	11.7
Electricity	8.9	7.9
Total Industry	5.2	11.3
Capital Goods	12.9	16.7
Infra/ construction	8.4	19.0
Intermediate Goods	3.8	15.1
Consumer Durables	0.6	12.5

Source: MOSPI

The low base in 2020-21, it being the COVID year, has made the performance in 2021-22 period as superlative. However, the performance in FY23 is moderated. The growth in Capital Goods output as well as in output of Infra/Construction segment point to a gradual revival of the industry. The Steel intensity in these groups is high and bodes well for Steel demand. The sub groups under Manufacturing especially in Machinery and Equipment and vehicles (manufacturing in M&E and manufacturing in vehicles and trailers) are in tune with the growth visible in Engineering and Automobile segments and makes the outlook for the Flat Steel brightened.

As Infrastructure, Building and Construction sectors together account for 68 per cent of Steel consumption in the country and is slated to consume 70 per cent of total Steel demand in FY31, it is imperative that adequate investment (Public and private) takes place especially in the infra sector (Roads, Railways, Ports, Civil aviation, Irrigation, Oil and Gas) as well as in Real estate and industrial and commercial construction. The capex budget for infrastructure sector for FY24 would rejuvenate Steel demand in the country. The rural demand for Steel is also based on demand for Steel emanating from construction of Government subsidised housing scheme under PMAY. Around 1.56 crore houses under Pradhan Mantri Awas Yojana (G) would be constructed in the next 3 years at an estimated cost of Rs. 2.17 lakh crores (Centre to share Rs.1,25,106 crores and States to share Rs.73475 crores).

The infra segmental demand was driven by roadways construction. It is seen that Highway construction by NHAI

Table-9: Current status of Indian Steel Industry (MT) Current Status of Indian Steel Industry

Category	2020-21	2021-22	% growth in FY22 over FY21	2022-23	% growth in FY23 over FY22
Crude Steel Production	103.5	120.3	16.2	125.3	4.2
Sponge Iron Production	34.4	39.0	14.0	43.2	10.7
Finished Steel production	96.2	113.6	18.1	121.3	6.8
Total Imports (incld semis)	5.0	4.8	(-)4.0	7.0	45.2
Total Exports (incld semis)	17.4	18.4	5.7	8.3	(-) 54.6
Apparent Consumption (Finished Steel)	94.9	105.8	11.4	119.2	12.7

Source: JPC.

is proceeding at a reasonably high pace. The construction through HAM (Hybrid Annuity Model) is the prominent mode of construction under PPP model, followed by BOT (Built Operate and Transfer) and EPC modes. A majority of road projects (>45% of under construction projects) is in the states of UP, Maharashtra, Karnataka and Rajasthan. All the projects of national Highways would be taken up via EPC, HAM and TOT (Toll Operate and Transfer).

The DFC project and Metro network in various cities are progressing well, marginally down due to the pandemic. The demand for ERW pipes and Tubes is high due to the good pace of construction under Jal Jeevan Mission. It is imperative for Steel players to enhance Steel intensity in use in Real estate and Infrastructure projects. It would lead to significant rise in Steel consumption in the infrastructure sector.

The following table summarises the current performance of Indian Steel as compared to last year.

It is heartening to note that Steel consumption in the country has witnessed a healthy growth of nearly 13 per cent in FY23 over the previous year. The Crude Steel production growth is subdued and one of the primary reasons was the imposition of export duty on Steel in May'22 till Nov'22 which had made the producers a little hesitant to enhance production with

domestic demand not showing a robust growth. It is noted that while Steel imports went up by as high as more than 45 per cent as compared to the previous year, the export growth was a high negative of nearly 55 percent.

Imports and Exports of Steel in 2022-23

Total imports (including Semis)

during the period reached 7.02 MT which is 45.2 percent more than last year's level. Total Exports comprising of Semi-finished Steel of 1.62 MT and finished Steel of 6.72 MT was lower by 54.6 per cent compared to the previous year. The following table summarises a highlight of total export and imports of Indian Steel during FY23.

Table-10: Imports and Exports of Steel: 2022-23 ('000T)

Category	Imports	Exports	Major Sources of Imports	Major destinations in Exports
Semis	1002.3	1621.3	Indonesia:364.7	Nepal:349.0 / S.Arabia :72.1/ Indonesia:198.0 Italy:492.3/ Kenya:156.7
Bars/Rods	344.4	607.6	China: 28.4 / Japan: 9.4 Thailand:37.2	Bangla:22.9 / Belgium: 28.5 / Spain:19.9 Nepal: 64.3 / Italy:19.6
Structural	11.6	226.6		Canada:40.4 / Nepal:20.6
Rly Materials	75.8	0.4	China:38.1 / Japan:17.3 Spain:13.6	
Plates	362.4	675.7	China:47.5 / Korea:79.7 France:16.4	Belgium:119.5 / Italy: 86.8 Spain:77.9 /UAE: 65.6
HRC/S	2120.5	3125.4	China:54.4 / Japan:202.6 Korea:837.8 / Russia:226.8 Vietnam:190.0	Belgium:202.5 / Italy:446.1 / Nepal: 392. Turkey:349.1 / UAE: 450.6 / Vietnam:867.9 Oman:60.3
CRC/Sheet	1594.1	545.3	Korea:321.3 / Japan:28.8	Belgium:164.8 / Italy:108.6 /Spain: 42.2
GP/GC/Colour Coated	913.6	1131.5	China:136.8 / Japan:178.5 Korea:431.9 / Vietnam:59.2	Belgium: 182.1 / Italy: 252.0 / Spain: 110.7 UAE; 108.7 / UK:80.5 / Portugal:70.4
Electrical Sheets	264.1	37.3	China:108.5 / Japan:58.6 Russia:57.4	Italy: 15.3
Tin Plates	13.8	12.9		
Pipes/Tubes	321.3	353.9	China:127.1 / Korea:16.9 Italy:10.2	Belgium: 105.6 / Indonesia:24.3 / Nepal: 20.5 UAE:29.2 / USA:24.1
Total Finished Steel	6021.6	671 6.4		
Total Steel	7023.8	8337.7		
Scrap	9914.7	13.3	Canada:302.6 / Belgium: 197.2 Australia:162.2 / Germany:169.6 Netherlands:357.8 Poland:342.1 / S.Africa:424.0 UK: 1417.0 / UAE:945.0 USA:1858.6 / Singapore: 129.7	
Ferro Alloys	344.4	2086.8	China:65.5 / Indonesia: 32.3 Korea:25.1	Italy:157.5 / China:309.3 / Korea:140.2 UAE:199.2 / Indonesia:120.7 Japan:138.4
Sponge Iron	300.2	1085.5		Bangla:378.6 / Nepal:606.8

Source: JPC

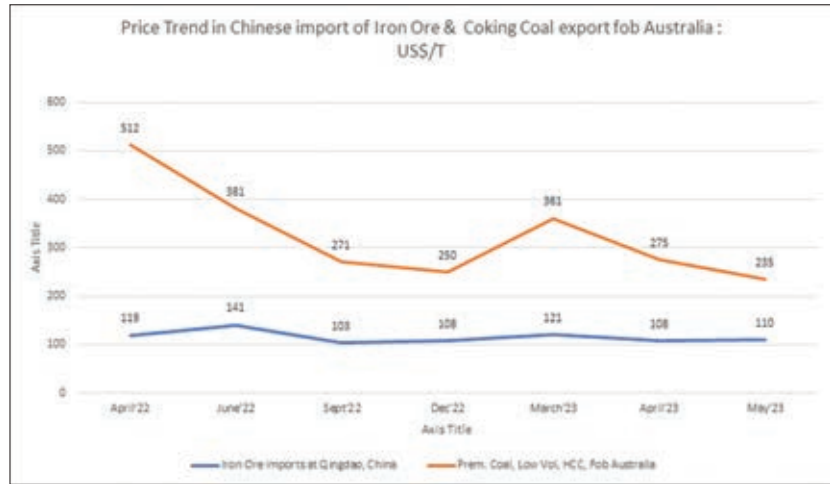
Despite being a net exporter, it is observed that the rate of growth of Steel Imports has exceeded that of exports. This is due to the signs of demand shrinkage visible in the South East Asian countries, namely in Vietnam and the subdued nature of the global pricing of flat products amidst uncertainty in Chinese demand. The import of Scrap has reached around 10 million tonnes in FY23 as inclusion of Scrap under GST @18 per cent has led to stoppage of scrap collection and sales across the country and consequent fall in domestic availability.

Steel exports from India were imposed an export tax of 15 per cent in May'22 in order to cap the rising Steel prices in the country. It was perceived by the Government that restricted exports would compel the producers to pump in more Steel in the domestic market leading to a drop in prices. The slowdown in economic activities from H2 of FY23 in most of the advanced countries brought down global Steel prices. China's entry in the global market further made export prices highly competitive.

The total value of Imports of 7.02 MT in FY23 came to Rs 750004.3 Crores, while the total value of Exports of 8.34 MT reached Rs.65117.0 Crores. Thus, in Quantity terms India has become a net exporter, but in Value terms, India's outgo exceeds the inflows. During April-May' 23 India has imported 1.03 MT of Steel (35.6 percent growth over last year) and exported 1.72 MT of Steel (14.7 percent lower than last year). There is an increasing trend of imports which needs monitoring.

Pricing scenario

Chart 3: Import price CFR Qingdao China & Export price Coal (Prem low Vol HCC) Fob Australia (\$/t)

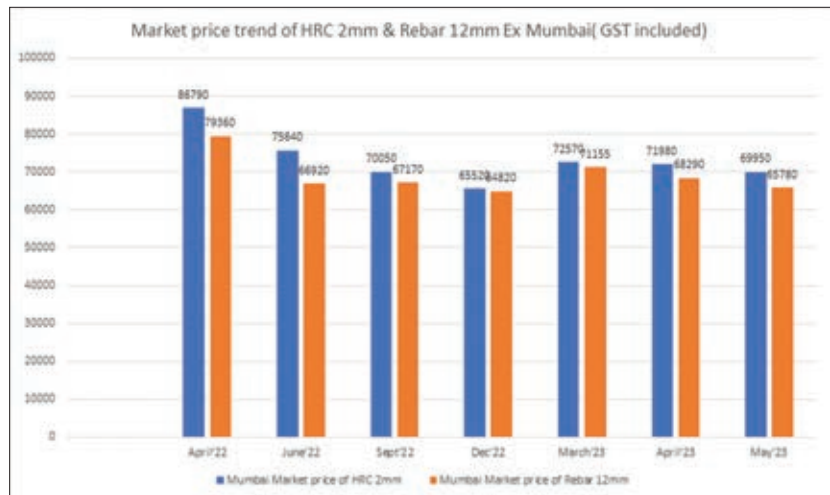


Source: Steel Mint

The global price of Iron Ore which is primarily determined by Chinese import prices shows that during the year, the prices have marginally come down during the year which is reflected in lowering the prices of Iron Ore of NMDC in the domestic market.

On the other hand, the advantage of lower Iron Ore prices has been neutralised by significant rise in import price of coking coal from Australia which has come down from a record high of \$512 in April'22 to \$361 in March' 23 and currently is ruling at \$ 235/t.

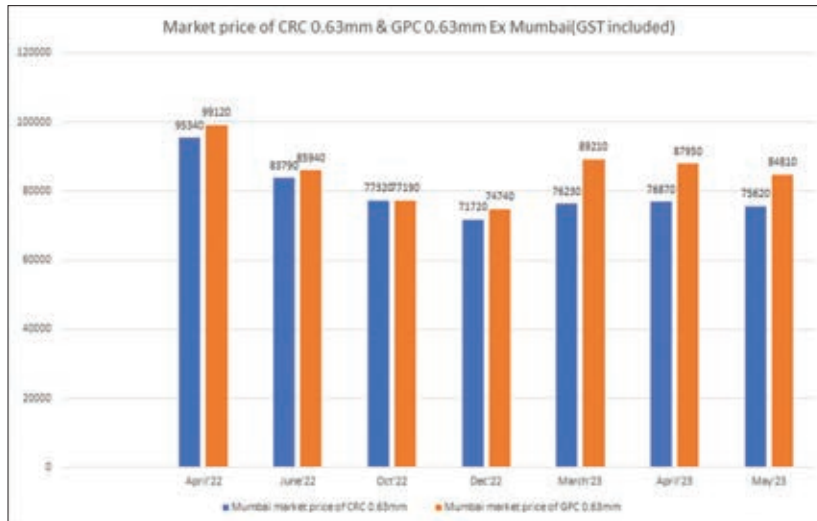
Chart 4: Price movement of Finished Steel prices in domestic market (Rs/t)



Source: Steel Mint

During the past 13 months, the prices of HRC has dropped by Rs.16840/per tonne, while TMT prices came down by Rs.13580/t thereby reducing the spread between the two commodities,

Chart-5: Price trend of CRC 0.63 mm & GPC 0.63 mm ex-Mumbai, GST included (Rs/t)



Source: Steel Mint

Conclusion

Indian steel industry had experienced a fluctuating trend in

FY23. The commodity prices went through an unstable pattern in H1 of the year before settling

to an even platform in the second half. The landed price of coking coal which continues to be the primary factor to determine raw material costs of steel industry reached a safe level, albeit much higher, than the average of \$150/t clocked earlier. The transition towards more use of Scrap in BOF as a decarbonisation strategy is yet to be complete along with limited effort to enhance use of Scrap to 100% in EAF route. It is expected that serious efforts would be undertaken by Indian steel industry to adopt measures/steps (waste recovery, process gas use, replacement of fossil fuel with renewable energy, more use of Scrap, pelletisation, beneficiation etc.) to bring down carbon emission in steel production in the coming year.

Part 1 of this article was published in August 2023 issue of KALEIDOSCOPE



Path Crossed and Road Ahead for CPSEs



Surya Sarathi Ray
Independent Journalist

Go to any CPSE township in any part of the country. Simple yet gorgeous, they stand apart. Usually, come up along or soon as a Central Public Sector Enterprises (CPSE) unit starts operation, these townships become niche localities in town – neighbours' envy! Why? These settlements embody discipline, confidence, trust, joy, and happiness and are perfect places for living. Also, in these townships, one will never find a grain of haughtiness, snootiness and carelessness.

These virtues are deep-seated in CPSE culture— all over. Right from the initial days of Independence to today, CPSEs have always been turning obstacles into opportunities and making the impossible possible for the nation's cause. They respond to the nation's call promptly and offer much more than what is asked for and what is expected of them.

CPSEs have constantly evolved with the changing times – socialism, post-socialism, liberalisation and neo-liberalisation. Despite changing market dynamics, cut-throat competitions from national and multinational companies and greater scrutiny, CPSEs have grown in numbers over the years, enhancing their presence in all strategic sectors of the economy and shouldering the burden of nation-building deftly, staying

within the framework of laws, rules and regulations, both in services as well as in the manufacturing sectors.

Focusing on agriculture, price stability, power and transport, India's planned economic development started in 1951 with the launch of the first five-year Plan. At that time, India had only five CPSEs with a total investment of Rs 29 crore. At the end of FY 22, their number stood at 389, the same as the previous year. As on March 2022, their cumulative investment was a staggering Rs 22.81 lakh crore.

Standing tall amid a pall of pandemic-induced gloom and doom, CPSEs registered a stellar performance in FY 22. *Their total paid-up capital grew to Rs 3.69 lakh crore, as on March 31, 2022, over a year ago. During the same period, their gross turnover increased 33% to Rs 32 lakh crore. Overall net profit rose by 51% to Rs 2.5 lakh crore. Cumulatively, they paid a Rs 1.15 lakh crore dividend, a rise of 58% over FY 21. Their contribution to the national exchequer through excise duty, customs duty, GST, corporate tax and others was a staggering Rs 5 lakh crore. The total market cap of 62 listed CPSEs was Rs 15.46 lakh crore as on March 31, 2022, an increase of 27% over a year ago. They earned forex worth Rs

1.5 lakh crore in FY 22.

However, it would not be prudent to gauge their contribution to society and the economy by merely looking at their financial numbers. Immediately after the Independence, they were made to venture into primary and heavy industries that the private sector would avoid due to a lack of financial wherewithal. In the Industrial Policy Resolution 1956, the government emphasised the public sector's role in industrial development. Their roles, however, were not restricted to industrial development alone; the country's first branded bread came from Modern Bakeries (India) Ltd, a CPSE, in the 1960s to help in price stabilisation when there was a shortage in the production of the breakfast staple!

CPSEs' multifarious roles in fulfilling various macro-economic objectives often go beyond the boundaries of regulatory and statutory requirements, be it through technical or technological innovation or trailblazing product invention to meet the need of the day or grooming and supplying the nextgen leadership for the entire spectrum of business and industry. Their role in ensuring a balanced regional development within the country is remarkable. Immense is their contribution to

ensuring price stability, providing millions of permanent and temporary jobs, splurging on corporate social responsibility (CSR) and ensuring sustenance for millions of downstream sectors, mostly belonging to the micro, small and medium enterprises across the country through adapting the public procurement policy.

Meanwhile, the government has articulated its intention clearly by unveiling the Public Sector Enterprises Policy in November 2020, which marked a complete shift from the import substitution and self-sufficiency policy that formed the basis of the Mahalanobis or the second five year Plan. According to the procedure, the government will have a "bare minimum" presence in strategic areas such as atomic energy, space, defence, transport, telecom, power, petroleum, coal

and other minerals and banking, insurance and financial services sectors.

CPSEs with the potential to grow bigger and contribute meaningfully to the country's overall development should be accorded unfettered freedom to innovate, thrive and face competition. Empowered CPSEs have proved beyond doubt that they can outperform their peers in the private sector with more functional autonomy. They should be allowed to take independent decisions and be accorded the freedom to perform in open markets at par with their peers in the private sector. A bit has been done with the Ratna categorisation; more is needed.

The Indian economy has made huge strides, braving all odds recently. Currently the fifth-largest economy and the

fastest-growing among major economies, the Indian economy has a long way to go before it comes into the bracket of a "developed" economy. Their role in creating employment generation for a country having the world's highest population, their roles in asset creation and enhancing the country's global footprint in trade and business cannot be underestimated.

CPSEs' functioning can be vastly improved with a more robust Board and "bare minimum" government interference; the sick CPSEs need some handholding and should be encouraged to do better. The heads of the CPSEs should be involved in the policy-making process. CPSEs' previous contributions to the economy must be kept in mind, and their roles in the days ahead must be supported. India needs its CPSEs. (Ends).



*Source- Public Enterprises Survey 2021-22

Smart Heart, Smart India, Smart World (Swasthya Dil, Swasthya Bharat, Swasthya Sansar).

Tapping into the field of Consciousness for Healthy Heart: A New Paradigm and A New Mantra.



Dr. H. K. Chopra*

Dr. H.K. Chopra said that 17.9 Million people die each year from CVDs, an estimated 32% of all deaths worldwide. Heart Attack is rising rather steeply in our country especially in young in 20s & 30s. To a very large extent, heart attack is self-inflicted by our faulty lifestyle, which we adopt right from the childhood. Genetics definitely play a role but it can be modified by lifestyle optimization. The prevalence of Coronary Artery Disease in adults in India in the urban population is 14 percent, while in the rural population it is 8 percent. One should not have heart attack in the prime of his/her life when he/she is important not only to the family, but also to the community, society and nation. In fact, “we are the cause and we are the cure” of this malady of premature heart attack in young by optimizing our lifestyle right from the childhood in accordance with the laws of nature. A healthy heart is an expression of our own perception, thoughts, interpretations and choice making. Enhancing awareness about prevention and timely prediction and treatment of heart attack is the only solution

of reducing the rising menace of heart attack in our country. Women are fortunate to have lower prevalence of coronary artery disease before the age of 45 i.e. menopause. After menopause, the prevalence of CAD is same as men. Over 25 Lac people die of Heart Attack in our country every year. Out of these, 16 lac die within an hour of Heart Attack before even the medical aid is available.

While the mortality rate from cardiovascular disease (CVD) has decreased by 60% in Japan and Finland, 50% in USA, Canada and Australia and 25% in Europe, according to WHO projections, there will be a significant rise in mortality from CVD in India. The female population is under greater risk because metabolic syndrome (a combination of medical disorders like obesity, high blood pressure, diabetes and dyslipidemia etc) is more alarming amongst Indian women, according to the recent data published, the prevalence of metabolic syndrome is highest in India.

Dr. Chopra believes that prevention of coronary artery

disease must begin earlier especially at a young age before being victimized by faulty lifestyle including erratic eating habits, drinking, smoking, high level of stressful life with lack of sleep and burning both the ends of the candle at the same time, coupled with a sedentary lifestyle, uncontrolled hypertension, dyslipidemia and diabetes which harden the arteries of the heart with increase tendency for clotting all of which establish the bedrock of heart disease.

The theme of World Heart day this year is

“Work with your Heart, Know your risk factors”

“Use your Heart to Beat CVD (Cardiovascular Disease)”

“Have Coordinated Efforts to improve your own Lifestyle and Diet.”

“Motivate yourself and others to reduce CVD Risks”.

One Heart, One Home, One World”.

“Use your Heart” to “Make Perfect Choices” for a Healthy Heart for ourselves, our family, our community, our corporate,

* 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.

our society, our nation and the world”.

Dr. Chopra firmly believes that “four sutras for optimal Healthy Heart are love, compassion, peace and harmony” to make perfect choices for healthy heart and beat CVD. These sutras (Suture or stitch) are possible by regular practice of yoga, meditation and perfect lifestyle optimization, they connect heart with the consciousness by network of nerves fibers of autonomic nervous system (Heart Plexuses) which are chemically mediated, nurtured with human values release natural opiates: endorphins, serotonin, dopamine acetylcholine, oxytocin and nitric oxide which preserve the endothelial functions, thereby maintaining the patency of coronary arteries and the harmonious friendly biochemical environment within the blood vessel the heart thus remains healthy. If kindness, compassion, love, peace and harmony are missing with cynical behavior and hostility, then the heart is undernourished, stressed and the physiology changes to pathology. Fear, jealousy, hatredness, anger, greed, lurking grief, vengeance, vindictiveness, bigotry, arrogance, greed, lust, ego and other negative emotions release jittery molecules (Chemicals) which comprise of epinephrine, norepinephrine and cortisol which produce coronary artery diseases, alter the endothelial functions, agitate the platelets, oxidize Low Density Lipoproteins (LDL). They may enhance the tendency of a vulnerable plaque in the coronary artery to rupture, erode and ulcerate, thereby enhancing aggregation of platelets and

enhance thrombus (clot) formation thus leading to angina, acute Coronary Syndrome, Heart Attack, even sudden Cardiac Death and Brain Attack. Just one fit of anger or negative stress can produce a massive heart attack Dr. Chopra said.

Dr. Chopra is of the firm opinion that the emotion of love, compassion, peace and harmony are the most powerful sutras to have healthy heart and may help in prevention, regression and reversal of coronary artery diseases. This is possible by practicing perfect choices, regular practice of meditation and yoga. Thus, the “Health of the Heart is a Matter of your own choice, and not a Matter of chance.”

Dr. Chopra’s firmly believe that Lifestyle optimization is an expressions how to perfect mind set and perfect mind set is an expression of perfect choices and perfect choices tap from the level of consciousness.

Energized healthy heart, happiness, prosperity and success are expressions of this field of consciousness. (Silence and infinite love) Experience of this field on daily basis by optimization of lifestyle through all the eight limbs of yoga including Yama, (do and don’ts), Niyama (Self discipline), Asana (Postures), Pranayam (Breathing Exercise), Pratihara (Contemplation), Dharma (Concentration) Dhyana (Meditation), Samadhi (Transcendence). Healthy heart, healthy mind and healthy body are expressions of our consciousness. It is our consciousness which perceives, conceives, constructs and governs us at individual and universal level to have healthy heart. We are all the expressions

and projections of consciousness. Experience it on regular basis by meditation if you want to have a healthy heart .

Most of us are “Busy, Busy & Busy in earning money by faulty lifestyle and loose the health of the heart and then, we are busy, busy & busy in losing that money and trying to earn the Health of the heart” It is gone.

“We can block our coronary arteries and we can unblock them too by optimizing our lifestyle”.

Mahatma Gandhi said that “Health is Wealth, but Wealth is not Health”.

He also said that “Health of the heart is not in the pieces of gold, silver or piles of notes, it is in our own choices”.

We should be “an epitome and apostle of a perfect mind set and perfect choices” to have a healthy heart.

Consciousness (field of infinity) means awareness of ones own existence, sensations, thoughts and feelings and surrounding at an individual level or collective level. Infact whole existence in this universe including human beings, animals, plants, flowers, vegetables, minerals, water, sun, moon, galaxy of stars are all the expressions of existence of consciousness. Thus, Consciousness is beyond energy and matter. The scientific module operates on the reductionist principle conveying thereby that “we are all the hologram of the universe, and the universe is our hologram (every bit of universe is in us and every bit of us is in universe), we are the hologram of our heart, and our heart is a hologram of our mind and body. A drop of blood give information of

the biochemistry or the cell count of the whole body, similarly a bit of any particle gives information of the whole matter. If the parts of a whole are obtained and examined they will give the required analysis to explain how the whole operates, its reason for being, how it interacts with its environment. In other words, the total environment consists of parts, which come together to form a holistic phenomenon. Part of the rationale for this approach may relate to Darwin's theory of evolution which postulates that all life has evolved from simple living entities, which gradually developed complex systems as they interacted with one another, the weak growths giving way to those which were stronger and more competitive.

There is a vedic expression, which says

"As is the Atom, so is the universe"

"As is the microcosm, so is the macrocosm"

"As is the Universal body, So the is the cosmic body ""

"As is the universal mind, So is the cosmic mind"

Dr. Chopra said that "We are not the packages of Flesh and bone with wisps of memory and desire, but we are all a web of information and energy interwoven with emotions and intelligence from

the eye of the consciousness and not from the eye of the body or eye of the mind"

The time to reflect and reassess is now, to the scientific mode of research and to pay more attention to what science has discovered about the constitution of the universe. Scientific theories do not usually last the course as further research reveals new evidence that either overturns, or remodels, previous fixed beliefs.

The reason to look at the universe as a whole is now, which is then broken down into parts. The 'big bang' hypothesis states that the universe began as a single entity which exploded and sent its energy spreading throughout space, much like the result of exploding the atom. Quantum physics then goes on to state that everything in the universe is actually "energy and information" in many different forms and configurations. In other words, there is no solidity in fact, merely a slowing down of vibrations that we can see and feel with our senses by integrating science and spirituality.

Healthy Heart can be achieved by tapping into the field of infinity (Consciousness)

If, indeed, all particles including atomic or subatomic such as

Higgs Boson are conscious and aware of their consciousness that it can be stated that everything in this universe is connected and can be explained by many otherwise imponderable occurrences simultaneously. The 'Big Bang' was wholeness and as it unfolds the parts, of necessity, must be related, if not subsidiary creations must have occurred by insertion, from where? And there is no evidence for the latter occurrence. We can assume that the universe is, in essence, of one mind and one consciousness. The human consciousness is a trapped universal consciousness and the heart consciousness is a trapped a human consciousness which are all interwoven and interconnected.

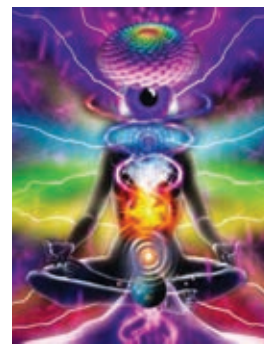
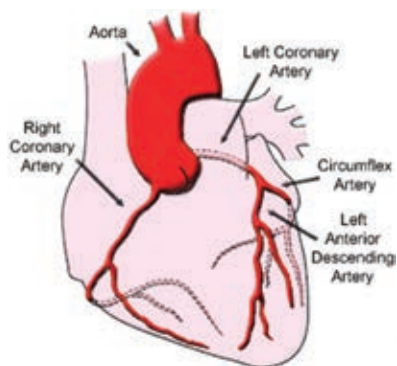
I firmly believe that healthy heart is an integration of Science, Spirituality, Quantum Physics, Humanity and Art from the level of consciousness which is expressed as follows:

"As is the quantum soup, So is the Quark,

As is the Quark, So is the Boson,

As is the Boson, So is the Primordial Sound

As is the PS, So is the Vibration energy (Sattvic/Rajasic/Tamasic) (SRT & PVK)



As are the Vibration energy, So are the Proton, Neutron & Electron,

As are the Proton, Neutron and Electron, So is the DNA

As is the DNA, So is the Intelligence,

As is the Intelligence, So are the Emotions, Perceptions, thoughts, Interpretations, & choices

As are the Choices,

As is the Choice, So is the Mind,

As is the Mind, So is the Body,

As are the Mind and the Body, So is the Lifestyle,

As is the Lifestyle, So is the health of the heart,

As is the Health of the heart, So is the World Around You."

35 Points Programme for Healthy Heart.

We must take pledge for the following

Say "No" to 7'S

1. Stress
2. Sugar
3. Salt
4. Saturated and transfat
5. Smoking
6. Sedentary Lifestyle
7. Sleep in adequacy

Have Perfect Choices

8. Exercise daily for 30 minutes (Heart Friendly Exercise wogging,

jogging, cycling, swimming, dancing, treadmilling skiing.

9. Meditate for 20 minutes in the morning and evening.

10. Maintain optimum body weight.

11. Practice Self-Massage – "Abhyanga" on daily basis.

12. Eat the right food, at the right time, at the right place, in the right manner, in the right dose, in the right environment. Eat only when you are hungry, eat freshly cooked food in a quiet relaxed atmosphere and eat slowly and don't eat when you are upset and avoid overeating.

13. Have sattvic vegetarian food and not tamsic or rajsic food. All 6 tastes including sweat, sour, salty, bitter, pungent and astringent should be included in every meal. As most of the coronary artery disease are pitta or kapha imbalances.

14. Eat more natural foods such as vegetables, fruits, salads

15. Take nuts on daily basis such as Almonds, Walnut & Pistachio.

16. Drink adequate water (1.5-2 L per day in consultation with you doctor).

17. Do not eat junk food such as fried food or sweets, etc.

18. Avoid a "pot-belly" abdomen.

19. Avoid unaccustomed exercise.

20. Remain cholesterol-fit.

21. Remain balanced in life.

22. Have adequate sleep for 7-8 hrs everyday.

23. Avoid lust, anger, greed, ego and attachment.

24. Be honest, truthful and dedicated for work.

25. Have good social support system.

26. Work with self-referral and not with object referral.

27. Have perfect choices to achieve any goal in a very peaceful manner.

28. Develop intimate relationship.

29. Become an embodiment of positive emotions such as love, compassion, humility, faith, confidence, peace, harmony, bless and happiness.

30. Have planned daily routine and set weekly, monthly and yearly plans.

31. Not fall victim to sympathetic overdrive.

32. Create heart wellness centre at workplace.

33. Mission Healthy Heart may be launched on TV, Print, Digital & Electronic Media.

34. Create a Smart Heart App.

35. Create Healthy Heart Whatsapp Group.



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 Bookings 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 is 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) is 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) with board room type seating arrangement equipped with screen and mikes.

Business Centre



The Business Centre has a capacity of 7 persons and is 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 can be arranged for 40 persons.

Tansen Chamber at UB



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



“Mother of All Warships Launched”- Hon’ble President of India launches advanced Frigate INS Vindhyagiri at GRSE



Smt. Droupadi Murmu, Hon’ble President of India launching INS Vindhyagiri built by Garden Reach Shipbuilders and Engineers Ltd’s (GRSE) facility

It was an iconic moment for Garden Reach Shipbuilders and Engineers (GRSE) Ltd on recently when the Hon’ble President of India Smt. Droupadi Murmu launched INS Vindhyagiri, the last in the series of three P17 Alpha being built for the Navy by the Kolkata-based shipyard. This is for the first time that a ship being built by an Indian shipbuilder is being launched by the President of India, who is also the Supreme Commander of the Indian Armed Forces.

Among the others present at the occasion were the Hon’ble Governor of West Bengal, Dr. C.V. Ananda Bose, IAS (Retd.),

Hon’ble Chief Minister of West Bengal, Smt. Mamata Banerjee, Hon’ble Raks-ha Rajya Mantri, Shri Ajay Bhatt, Chief of Naval Staff, Admiral P. Hari Kumar, PVSM, AVSM, VSM, ADC, Former Captain of Indian Cricket Team Shri Sourav Ganguly, Cabinet Minister of Urban Development and Municipal Affairs, Government of West Bengal, Shri Firhad Hakim, Minister of State for Forests & Self Help Employment Group (Independent Charge), Government of West Bengal, Smt. Birbaha Hansda, a host of Senior Officers from the Armed Forces and dignitaries from the Centre and State Administration.

The launch of a ship symbolizes its birth. This is the day when a ship is named and feels water for the first time under her keel. The ceremony was conducted in true Indian Maritime Tradition with the breaking of the coconut on the ship’s bow.

The three Nilgiri Class frigates were ordered for approximately Rs 19,200 crore, the largest ever contract being executed by GRSE. The first and second ship of the series INS Himgiri and INS Dunagiri respectively are presently undergoing outfitting at GRSE. To improve quality and shorten build times, P17A Advanced Frigates are being



INS Vindhyagiri

constructed using an Integrated Construction Methodology and improved pre-outfitting. The second ship of this series, INS Dunagiri, was launched on July 15, 2022. Launching of two warships of this size and complexity in just over a year speaks volumes about GRSE's capabilities as a premier defense shipbuilder.

The Indian Navy had six 'Nilgiri' Class frigates which were in service between 1972 and 2012. The INS Vindhyagiri, last of that Class was commissioned on July 8, 1981 and decommissioned on June 14, 2012. It was reborn today as the INS Vindhyagiri, a P17A frigate. Vindhyagiri is the name of one of two hills in Shravanabelagola in Karnataka. It is of great historical and religious significance due to the 18-metre-high statue of Lord Gometeshwara on its summit. It is considered one of the world's tallest free-standing monolithic statues and can be seen from up to 30 km away.

President Smt Droupadi Murmu in her address said "This

launch marks a move forward in enhancing India's maritime capability. Vindhyagiri is also a step towards achieving the goal of Atmanirbhar Bharat in shipbuilding. The Hon'ble President acknowledged the skill and tireless efforts of team GRSE to achieve the milestone of delivering more than 100 warships. She highlighted the strategic location of Kolkata making it vital for our naval preparedness in safeguarding our maritime interests and maintaining regional stability. She emphasised the importance of the oceans for India's well-being and growth towards becoming the third largest economy in the world.

Speaking on the occasion, Admiral Hari Kumar stated that the Indian Navy has embarked on a mission of 'Atmanirbharta' and the navy shall be investing thousands of crores in the shipbuilding sector which will be enhancing the capacity and capability of Indian shipyards and those employed in the ancillary industry. He said

"Vindhyagiri will be a versatile and powerful tool that supports the larger national vision as well as ensure safe secure and prosperous global commons for all. So, while the Giris will contribute to the nation's role of ensuring 'Rashtra ki Suraksha' these ships also will be flag bearers of how the navy also fulfills 'Rashtra ki Akaansha'."

Addressing the audience, Cmde PR Hari said "For us every launch is special. Launch symbolises the birth of a ship but this launch is unique. This beautiful warship in front of you is singularly lucky to have the honour of being named and launched at the hands of none other than the Honourable President of India, the Supreme Commander of Indian Armed Forces. Therefore I would like to term this launch as a mother of all warship launches." He emphasised GRSE's growth starting from 1960 as a DPSU when the shipyard delivered India's first indigenously built warship INS Ajay in 1961 and has now grown into a mature modern and future ready shipyard that can build small 2.15 metre unmanned vessels to the most advanced and complex weapon intensive warships.

GRSE has already delivered 108 warships, including two for export to Mauritius and Seychelles. Presently, it is building 26 ships across 6 projects, of which 19 are warships being built for the Indian Navy and 16 of these 19 warships have been won on competitive bidding. All of them have a high percentage of indigenous content that is in keeping with the Government's strides towards self-reliance or Atmanirbharta.

Hon'ble PM Inaugurates NBCC Built International Exhibition-cum-Convention Centre (IECC), Pragati Maidan, New Delhi

Hon'ble Prime Minister, Shri Narendra Modi inaugurated the International Exhibition cum-Convention Centre (IECC) on recently. The unique and prestigious complex is built by NBCC. This venue will host G-20 Leaders Summit which is to be held in September under the Presidency of India. Earlier Hon'ble Prime Minister Shri Narendra Modi performed "Pooja" ahead of its official inauguration and felicitated workers who were the part of the construction of IECC Complex.

The IECC (Integrated Exhibition-cum-Convention Centre), implemented at a cost of more than Rs. 2600 Cr. has been built by NBCC, as a modern complex



International Exhibition-cum-Convention Centre (IECC), Pragati Maidan, New Delhi built by NBCC

as part of the Pragati Maidan redevelopment project. The Convention Centre is built on an elevated podium, giving visitors a view of India Gate. The Prime Minister applauded the tireless efforts, involvement and commitment in the construction

of the project which is now dedicated to the nation.

The IECC has the capacity to seat 7,000 people in its multi-purpose and plenary halls combined larger than the iconic Sydney Opera House which can hold around 5,900 in its various halls.

BHEL successfully synchronises 660 MW unit of Maitree Super Thermal Power Project in Bangladesh

Bharat Heavy Electricals Limited (BHEL) has achieved a major milestone with the successful synchronisation of the 660 MW Unit-2 of the 1,320 MW Maitree Super Thermal Power Project (STPP) in Bangladesh. The synchronisation of the unit has been done ahead of the commitment given at a high level G2G meeting, which was a very tough target even at the time it was given.

The 2x660 Maitree STPP is located at Rampal, Mongla, Bagerhat, Bangladesh, and is being set up by BHEL for the Bangladesh-India Friendship Power Company

(BIFPCL), a 50:50 joint venture between the Bangladesh Power Development Board (BPDB) and NTPC Limited.

The project is a symbol of successful cooperation between India and Bangladesh and is a priority infrastructure development project for Bangladesh aimed at establishing reliable, cost-effective, base-load power production in the country.

The project uses state-of-the-art ultra supercritical technology for lower emissions and a number of further steps have been taken to mitigate environmental impacts including installation and compulsory usage of flue

gas des-ulphurisation system to control SO_x emission, installation of the tallest chimney in Bangladesh (275 mtr) for wider dispersion of emissions; electrostatic precipitator of efficiency above 99% to control ash particulate matter; covered coal shed and pipe conveyors to avoid coal particle pollution; closed cycle cooling water system and zero liquid discharge to minimise water consumption, among others.

BHEL's team of dedicated professionals has worked relentlessly to ensure smooth execution of Maitree Super Thermal Power Project.

NMDC launches New Logo, enters new era of global Responsible Mining

Shri Jyotiraditya Scindia unveils new logo of NMDC

NMDC, India's largest Iron Ore producer, unveiled its new logo recently in New Delhi, showcasing the CPSE's dedication to responsible mining. Shri Jyotiraditya Scindia, Honourable Union Minister of Civil Aviation and Steel, Government of India, revealed the dynamic logo in presence of Shri Nagendra Nath Sinha, Steel Secretary and Shri Amitava Mukherjee, NMDC CMD (I/c).

The new logo signifies the company's future scale and strength after achieving a record production of 40 million tonnes for two consecutive fiscals. With a robust digital roadmap for smart mining, NMDC is stepping into NMDC 2.0, reimagining its principal visual identity.

Speaking on the occasion, Shri Jyotiradiya M. Scindia said, "Today, as we witnessed the unveiling of NMDC's new logo, I'm reminded of the remarkable journey India has embarked upon from striving for self-reliance post-independence to now reducing dependency on external sources, India has truly arrived as a responsible stakeholder in its own growth. In this transformative journey, NMDC has played a pivotal role as the largest iron-ore producer in the country, contributing almost 16% to India's Iron Ore production with an annual out-put of 40 million tonnes."

He further said, "This new logo represents more than just a visual change; it encapsulates the



Shri Jyotiraditya Scindia, Honourable Union Minister of Civil Aviation and Steel, unveiling the new logo of NMDC

essence of NMDC's role as a leader in India's sustainable path. Embracing the elements of nature, NMDC now stands committed to creating a world in a responsible and harmonious manner. My heartiest congratulations to Team NMDC for this defining moment. With sustainability as a key lynchpin, it will define the company's path in the years to come.

Shri Nagendra Nath Sinha said on the occasion, "Today marks a momentous occasion as NMDC embraces a transformative journey, shifting from mere industrial aspirations to forging a harmonious relationship with nature. With its forward-looking vision, NMDC is set to play a major role in realizing the National Steel Policy 2030 goals and contributing to India's bold economic growth vision. NMDC's commitment to sustainability is evident from its proactive publication of sustainability reports since 2017, even before it was mandated by the regulations."

Shri Amitava Mukherjee, CMD, NMDC expressed his enthusiasm on the new identity of NMDC and said, "Our new logo manifests NMDC's vision of NMDC 2.0. As a homage to our heritage, we retain the blue cog representing the mineral mining cycle, symbolizing the steadfastness and trust we have earned over the decades. Our legacy is strong, and we carry it forward with pride. In the center of the logo, you will see a hand cradling the earth, which signifies our commitment to sustainable & responsible mining and our global aspirations.

The vibrant green color symbolizes growth, renewal, and harmony with nature. As we step into the future, we aim to leave a greener & cleaner footprint on this planet while being responsible to all our stakeholders - our customers, shareholders, employees, local community, the Government, society and the environmental sustainability, elevating the well-being of the larger stakeholder ecosystem."

Union Minister of AYUSH at Closing Ceremony of AYUSH Wellness Camps organized by Hindustan Copper Limited (HCL)

Shri Sarbananda Sonowal, Union Minister of AYUSH, and Ports, Shipping and Waterways, was the Chief Guest at the Closing Ceremony of AYUSH Wellness Camps organized by Hindustan Copper Limited (HCL) recently at Sagar Manthan, Transport Bhawan, New Delhi. Shri Vivek Bharadwaj, Secretary, Ministry of Mines, Govt. of India, Shri Ghanshyam Sharma, CMD, HCL, and other senior officers from the Ministry of Mines, Ministry of AYUSH and HCL were also present. The camps at the Corporate Office, Kolkata, and at the five Units of HCL joined the ceremony through video conferencing.

As a part of Azadi Ka Amrit Mahotsav, HCL has been organizing a series of AYUSH Wellness Camps (75 in number) since March this year, to enhance the consciousness about the efficacy of AYUSH therapy in and around its units and offices.

This was in line with AKAM's theme-based campaign, "Health and Wellness". While 21 AYUSH wellness camps were organized in Khetri Copper Complex in Rajasthan, 23 were held in Indian Copper Complex in Jharkhand, 21 in Malanjkhand Copper Project in Madhya Pradesh, 5 in Talaja Copper Project in Maharashtra, 3 in Gujarat Copper Project and 2 in Kolkata, where the Company is headquartered.

At the closing ceremony, a brochure with glimpses of



Shri Sarbananda Sonowal, Union Minister of AYUSH, and Ports, Shipping and Waterways as Chief Guest at the Closing Ceremony of AYUSH Wellness Camps organized by HCL at Sagar Manthan, Transport Bhawan, New Delhi.



Shri Ghanshyam Sharma, CMD, HCL, felicitating Shri Sarbananda Sonowal, Union Minister of AYUSH, and Ports, Shipping and Waterways, in the presence of Shri Vivek Bharadwaj, Secretary, Ministry of Mines, Govt. of India during the ceremony.

the AYUSH Wellness Camps organized by HCL in the remote areas of the country was released by the Hon'ble Union Minister of AYUSH. A short film on the AYUSH Wellness camps conducted by the Company, along with video testimonials of some of the beneficiaries, was also screened. Extensive campaigns

were carried out by HCL, focusing on the National AYUSH Mission, to enhance the outreach of these camps. Highly skilled AYUSH practitioners were engaged to provide free consultation to the beneficiaries, addressing their health concerns. Free medicines were distributed at these Camps where the locals came down in masses.

Argentinian Defence Minister Visits HAL LoI Signed on Co-operation for Light and Medium Utility Helicopters for the Armed Forces of Argentina

HAL and the Ministry of Defence of The Republic of Argentina signed a Letter of Intent (LoI) on productive cooperation and acquisition of Light and Medium Utility Helicopters for the armed forces of the Argentine Republic. The LoI was signed in Bengaluru recently by Mr. Jorge Taiana, Argentinian Defence Minister and Shri C. B. Ananthakrishnan, CMD, HAL in the presence of Shri Francisco Cafiero, Secretary of International Affairs, Ambassador Hugo Javier Gobbi, Ambassador Dinesh Bhatia and other senior officers from Argentinian side and HAL.

The Argentinian Defence Minister remarked that the day was interesting and a step on the road to an ever growing and strong collaboration with HAL.



Mr. Jorge Taiana, Argentinian Defence Minister and Shri C. B. Ananthakrishnan, CMD, HAL in the presence of Shri Francisco Cafiero, Secretary of International Affairs, Ambassador Hugo Javier Gobbi, Ambassador Dinesh Bhatia and other senior officers from Argentinian side and HAL.

CMD, HAL and other senior officers of HAL briefed the visiting dignitaries on various activities of HAL and a presentation was made on the occasion. During the day-long program, the Argentinian Defence Minister and his

team viewed the flying display of various HAL products at HAL Airport.

The team also paid a visit to LCA, Helicopter Divisions and evinced keen interest in HAL products.

REC doubles its Market Cap in one year; figures in MSCI Global Standard Index

REC Limited, secured a coveted place in the esteemed Morgan Stanley Capital International (MSCI) Global Standard Index, effective from 1st September 2023.

A recent report by Nuvama Alternative & Quantitative Research highlighted that REC stocks were considered strong contenders for the November 2023 review. The analysis conducted by Nuvama Alternative &

Quantitative Research anticipates REC's inflows to be around \$184 Million. The inclusion of REC in MSCI solidifies REC's status as a leading player in the financial sector and market, and opens up new horizons to expand its reach and influence on a global scale and level.

The entry of REC into the MSCI index is a commendable one and reinstates its stature as one of the premier financial organizations across the globe.

It may be noted that the value of REC stock has more than doubled in the last one year from Rs. 100.20 on 10th August 2022 to Rs. 216.65 on 10th August 2023.

The MSCI Global Standard Index is a series of international equity indexes created by MSCI Inc. These indexes are widely used by investors, fund managers, and financial professionals to measure the performance of global equity markets.

HSL revitalizes ONGC Drill Ship Modu Sagar Bhushan

Hindustan Shipyard Ltd revitalized the 36 year old ONGC Drill Ship Modu Sagar Bhushan giving the vessel a new lease of life. The vessel completed major SOW on schedule and cleared all sea trials in the first attempt on 17th August, 2023. The ship will now be made ready for delivery and handing over to customers by September 2023.

Scope of work for repair on vessels undertaken by HSL was enormous, which was multi-fold to 3-4 times of contractual scope during its period of repair as the work commenced. Some of the major work included renewal of all Main Power Packs required for Power generation & propulsion of the vessel along with associated auxiliaries, refurbishment of the Anchor Winches handling system which is the most critical equipment for vessel's drilling operation, refurbishment of Steering Gear system, more than 1500 tons of steel renewal. All major drilling related equipment were also refurbished /renewed there by giving a fresh lease to



Sagar Bhushan, Mobile Offshore Drilling Unit (MODU) built at Hindustan Shipyard Ltd.

the operational role of the vessel. The entire scope of work was completed in just a matter of 10 months.

Adding to the fact, Mobile Offshore Drilling Unit (MODU) Sagar Bhushan was built at Hindustan Shipyard in the year 1987 in collaboration with Japan and is the only drilling vessel constructed in India. She served ONGC for 36 years since its commissioning. During its deployment in May 2021 in

Arabian Sea off Mumbai coast, this vessel was hit by extremely Severe Cyclone Tauktae. Under the impact of the cyclone, the vessel suffered extensive damages to its critical systems. At one point of time, decommissioning of the vessel was under consideration considering extensive damage to the vessel. Subsequently, HSL won the order for execution of dry-docking & cyclone damage repairs of the ship through a competitive tender.

BEL registers a growth of 23% in PAT (YOY) for 1st Quarter of FY 2023-24

Bharat Electronics Limited (BEL) has achieved a Turnover of Rs. 3446.69 Crore, registering a growth of 12.51% during the 1st Quarter of FY 2023-24 over the Turnover of Rs. 3063.58 Crore recorded in the corresponding period of the previous year.

Profit Before Tax (PBT) during the 1st Quarter of FY 2023-24 stood at Rs. 703.75 Crore, registering a growth of 21.73% over the Profit Before Tax (PBT) of Rs. 578.10 Crore recorded in the corresponding period of the previous year. Profit After Tax (PAT) during the 1st Quarter of

FY2023-24 stood at Rs. 530.84 Crore, registering a growth of 23.02% over the Profit After Tax (PAT) of Rs. 431.49 Crore recorded in the corresponding period of the previous year. The order book position of the company as on 1st July, 2023 stood at Rs. 65356 Crore.

MRPL becomes the largest PSU-Refinery (single location) in the Nation

Mangalore Refinery and Petrochemicals Ltd (MRPL) has become the single largest PSU-Refinery (single location) in the Nation for the year 2022-23. MRPL achieved this feat by processing 17.14 Million Metric Tons of Crude oil during the past financial year. This is also the highest-ever throughput processed by any single-location PSU refinery in India's Petroleum refining history. MRPL processes 10% of the total Crude oil refined by the PSU petroleum refineries of the Nation.

Set up as a joint venture refinery in 1988 with a 3.69 MMTPA capacity, MRPL later underwent a second and third-phase expansion to raise its capacity to 15.00 MMTPA. The refinery configuration has a Nelson Complexity Index of 11.3, one of the highly complex PSU refineries. MRPL Petchem Intensity is currently at 9.5%, aiming to reach 15% in the medium term.

MRPL can process more than 250 different types of crude from



around the world. Crudes from the Middle East, South Asia, Europe, Russia, Africa, South America and the US are the major ones processed in MRPL. MRPL is capable of producing almost a full range of petroleum products like Naphtha, LPG, Motor Spirit, High-Speed Diesel, Kerosene, Aviation Turbine Fuel, Sulphur, Xylene, Bitumen, along with Pet Coke and Polypropylene.

Speaking on this momentous occasion, MD, Shri Sanjay Varma said, "MRPL has made a strong

bounce back after effectively countering the challenges posed by the Pandemic. With the strong support of MoPNG and our parent organisation ONGC and through the dedicated efforts of all stakeholders, MRPL is now poised to reach greater heights in the days to come. Our focus will be on meeting Atmanirbhara through producing precious Petro-chemicals while effectively focusing on Environmental protection by concentrating on renewable energy solutions".

EIL's Board greenlights Partnership with Sunrise CSP Group

Engineers India Limited (EIL) has taken a giant leap towards sustainable energy solutions by entering into a strategic alliance with the Concentrating Solar Technology Group - Sunrise CSP Group. The Sunrise Group comprises of Sunrise CSP India Pvt Ltd, Sunrise CSP International Ltd, Cyprus and Sunrise CSP

Pty Ltd, Australia. EIL, with its engineering and project management expertise, and Sunrise CSP Group, with its technology offerings, aim to provide a complete range of solutions to current and prospective clients in concentrating the solar technology segment, positioning themselves at the forefront of sustainability.

"The approval of this strategic alliance marks a significant milestone in our commitment to driving sustainable energy solutions," stated Smt. Vartika Shukla, C&MD, EIL. "We are confident that this groundbreaking partnership will foster socio-economic development and reaffirm India's commitment to a cleaner and sustainable tomorrow," she added.

NLC India Limited enters into Long Term Power Usage Agreement with Rajasthan Urja Vikas Nigam Limited for supply of 300 MW Solar Power under CPSU Scheme at Rajasthan

NLC India Limited presently has 1,421 MW of Renewable Energy Capacity. As per the Corporate Plan of the company, it contemplates establishing 6,031 MW capacity by 2030.

The company has secured 510 MW Solar Project capacity in the CPSU Scheme Phase-II Tranche-III floated by Indian Renewable Energy Development Agency (IREDA) through competitive bidding. 300 MW Solar project capacity is under execution at Barsingsar, Bikaner District, Rajasthan. The EPC contract for the project has been awarded to M/s TATA power solar systems through competitive bidding.

The Power usage agreement (PUA) for the 300 MW Solar project was signed between NLC India Limited and Rajasthan Urja Vikas Nigam Limited (RUVNL) recently in Jaipur by Shri D.K.Jain, Director (Finance), RUVNL and Shri D.P. Singh, GM (PBD) of NLC India Ltd in the presence of Shri Bhaskar A Sawant, Principal Secretary, Energy, Govt. of Rajasthan, Shri M.M. Ranwa, MD, RUVNL and Shri Prasanna



Shri D.K.Jain, Director (Finance), RUVNL; Shri D.P.Singh, GM (PBD) of NLC India Ltd. with Shri Bhaskar A. Sawant, Principal Secretary, Energy, Govt. of Rajasthan, Shri M.M. Ranwa, MD, RUVNL; Shri Prasanna Kumar Motupalli, CMD, NLC India Ltd, Shri Mukesh Agrawal, ED (Finance), NLCIL and other Senior officials after signing the PUA.

Kumar Motupalli, CMD, NLC India Ltd, Shri Mukesh Agrawal, ED (Finance), NLCIL and other Senior Officials for supply of solar power to the state of Rajasthan for next 25 years.

The Power to the tune of 750 Million Units is to be generated annually from the project and total green power generated will be supplied to the State of Rajasthan. The project will help the State of Rajasthan in meeting

their Renewable Purchase Obligation targets.

The power generated from the project will help in reduction of carbon emission to the tune of 0.726 Million Tonnes of Carbon dioxide emissions every year. On Renewable Energy front, in addition to present 1.40 GW capacity in Tamil Nadu, this is the first time NLCIL expanding its footprint of this capacity in other States.



NMDC Steel Plant Commences Blast Furnace Operations

NMDC lit up the second largest blast furnace in the country at the NMDC Steel Plant in Nagarnar, Chhattisgarh recently.

Shri Amitava Mukherjee, CMD, NMDC (Additional Charge) held the historic torch towards Steel in the presence of Senior Management of NMDC and NSL - Shri Dilip Kumar Mohanty, Director (Production); Shri Vishwanath Suresh, Director (Commercial); Shri Vinay Kumar, Director (Technical); Shri B. Vishwanath, Chief Vigilance Office and other stakeholders.

Commissioning of the “Maa Danteshwari” Blast Furnace marked a crucial step towards the Plant’s operational readiness. The Blast Furnace operations commenced after the initial loading of 1700 T Coke, 985 T Sinter, 270 T Iron Ore and 245 T Fluxes.

Shri Mukherjee said, “The Steel Plant will produce HR Coils, Sheets, Plates and Hot Metal while operating on a zero-discharge concept. It houses one of the most energy-efficient and environment-friendly



Shri Amitava Mukherjee, CMD, NMDC (Additional Charge) holding the historic torch towards Steel at NMDC’s Steel Plant in Nagarnar, Chhattisgarh in the presence of Senior officials of NMDC and NSL

technologies to produce Steel. I congratulate Team NSL for this exceptional display of caliber and character in completing this task.” He appreciated the collective efforts put in by the team of NSL, MECON and acknowledged the support extended by SAIL, RINL, JSW, JSPL and all stakeholders in achieving this historic milestone.

The 4,506 m³ Blast Furnace at Nagarnar is designed to produce 9,500 tonnes of Hot Metal (molten metal) per day. The furnace has been designed and built by TATA Projects Limited along with the

technology supplier Danieli Corus BV from Netherlands, with State-of-the-Art facilities. MECON Limited has played a key Consultancy role and ensured the project’s successful execution.

The Iron and Steel Plant being built by NMDC is a modern sophisticated 3 MTPA capacity Integrated Steel Plant, with a compact layout utilizing only 1800 acres of land, at a sanctioned cost of INR 23,840 crores. NMDC Iron and Steel Plant was demerged from NMDC Limited to NMDC Steel Limited in October, 2022.

ONGC climbs 32 Places in Fortune Global 500 Rankings 2023

Energy Maharatna Oil and Natural Gas Corporation (ONGC) has moved up an impressive 32 places to claim the 158th spot in the 2023 edition of the prestigious Fortune Global 500 rankings. It had secured the

190th position in the coveted list in 2022. During the period under review, Fortune considered ONGC Revenue of USD 78,746 Million, up from USD 65,962 Million last year, an impressive growth of 41.6 per cent. ONGC

realized USD 91.90 per barrel for crude sold in the domestic market in FY’23 compared to USD 76.62 per barrel in FY’22.

ONGC has reversed the declining trend in domestic crude oil production also.

Oil India Limited Granted 'Maharatna' Status

Govt. of India recently elevated Oil India Limited (OIL), India's National Exploration & Production Major to 'Maharatna' category. OIL is now the 13th Maharatna CPSE in the country and joins the league of BHEL, BPCL, CIL, GAIL, HPCL, IOCL, NTPC, ONGC, PFC, POWERGRID, RECL and SAIL. The company posted a consolidated annual turnover of Rs. 41,039 Crore and net profit of Rs. 9854 Crore for the FY 2022-23. OIL earned the status of Navaratna in 2010. Having acquired a majority share of Numaligarh Refinery Ltd. (NRL) in 2021, OIL has now become an integrated energy company. With a rich legacy of the first discovery

of Crude Oil at Digboi in Assam Shelf during 1889; followed by post-independence discoveries at Naharkatiya and Moran during 1953 & 1956 respectively, OIL has been relentlessly engaged in fueling India's energy needs over decades.

This recognition is a testament to OIL's dedication and commitment for the Upstream segment of Hydrocarbon Sector. With the accorded Maharatna status, OIL is further committed to play a more significant role in the country's energy landscape and contribute to the growth and development of the sector in the years to come.

On this seminal moment, Dr. Ranjit Rath, C&MD, OIL, said

that OIL has achieved this feat owing to its strong legacy of technical proficiency in upstream hydrocarbon sector and a workforce with professional diligence, innovation and performance that has alleviated the growth of the company to new heights.

"We are thankful to all our stakeholders for reposing their trust with OIL, and the entire workforce – past & present, who have offered their unwavering contribution for over six decades. We extend our heartfelt gratitude to the Ministry of Petroleum and Natural Gas, Govt. of India, under whose guidance and support, OIL have been able to achieve this milestone", Dr Rath added.

SAIL declares financial results for Q1 FY'24

Steel Authority of India Limited (SAIL) declared its financial results recently for the quarter ending 30th June, 2023.

Key highlights:

Performance of Q1 FY 24 (Standalone) at a glance:

	Unit	Q1 22-23	Q4 22-23	Q1 23-24
Crude Steel Production	Million Tonne	4.33	4.95	4.67
Sales Volume	Million Tonne	3.15	4.68	3.88
Revenue from Operations	Rs. Crore	24,029	29,131	24,358
Earnings Before Interest, Depreciation and Amortisation (EBITDA)	Rs. Crore	2,606	3,401	2,090
Profit Before Tax (PBT)	Rs. Crore	1,038	1,480	202
Profit After Tax (PAT)	Rs. Crore	776	1,049	150

Best ever Q1 performance has been achieved by the company with respect to Productions and Sales. The Company has registered a growth in the Crude Steel Production and Sales Volumes by 8% and 23% respectively over CPLY. Despite increase in volumes, the turnover has increased by 1% due to decline in price realization.

With the coking coal prices stabilizing and the market outlook positive for sustained consumption growth in the country, margins are likely to improve going forward. The Company is also taking up debottlenecking and efficiency improvement projects to shore up the profitability in the medium term.

MOIL's August production jumps 53% y-o-y Monthly sales more than doubles

Continuing the momentum of high growth, MOIL produced 1.23 lakh tonnes of manganese ore in August 2023, delivering best August production since inception, registering a remarkable growth of 53% y-o-y. Cumulative production for the financial year up to August 2023 has been 6.79 lakh tonnes, which is 44% higher than y-o-y.

On the sales front too, performance has been spectacular with sales of 1.11 lakh tonnes for the month, which is more than double than August, 2022. For April-Aug, 2023 period, cumulative growth of 53% has been achieved.

CMD, Shri Ajit Kumar Saxena, once again congratulated team MOIL for their continued improvement in performance and reposed full confidence that



Shri Ajit Kumar Saxena, CMD, MOIL with senior officials.

improved levels of performance will be maintained.

MOIL Limited is a Schedule-A, Miniratna Category-I CPSE under the administrative control of Ministry of Steel, Government of India. MOIL is the largest producer of manganese ore in the country, contributing ~45% of the domestic production. It

operates ten mines in the state of Maharashtra and Madhya Pradesh. The company has ambitious vision of more than doubling its production to 3.50 million tonnes by 2030. MOIL is also exploring business opportunities in the State of Gujarat, Rajasthan, Chhatisgarh and Odisha, besides other areas in the State of Madhya Pradesh.

ITI Limited organizes Conclave for Startups, MSMEs, & Vendors

ITI limited organized a Conclave for Start-up Companies for MSMEs under Digital Communication Innovation Square (DCIS), GOI Scheme and for ITI Empanelled Vendors at its sprawling Bangalore Unit recently.

Representatives from twelve Startups including NIRAL Networks, Lekha Wireless Solutions, Radiot Solutions, ELENA Geo Systems etc., various MSMEs under DCIS, and 30+ vendors empanelled with ITI Limited got an opportunity to experience firsthand ITI Limited's 4G Lab, Research & Development Center, Data Center, Startup Hub - VINYAS, OFC and HDPE

Manufacturing Unit, Telecom Testing Lab, Reliability Lab, Mechanical Fabrication Lab, Powder Coating Lab that are nestled in the lush green campus of ITI Bangalore Manufacturing Plant.

ITI Limited not only got an opportunity to showcase its manufacturing facilities available before the enthusiastic participants but also enabled them to explore possible collaborations and ideate about future synergies. The Conclave was presided over by Shri Rakesh Chandra Tiwari, Director, Marketing, ITI who made a presentation about the capabilities that ITI Limited possesses and urged everyone to proactively seek

opportunities to collaborate with ITI. Top leadership of ITI Limited including Smt. S. Jayanthi, Director, Production, Smt. Ila Bahadur, Executive Director, Technology Development, Shri T. S. Sudhakar, Bangalore Unit Head, Smt. R. Vasanthi, GM, Operations among others were present in the Conclave and interacted with the participants.

As part of this Conclave, many Start-up companies in the field of manufacturing solutions related to ICT, Internet of Things (IoT), and defense technology participated and brainstormed on how to leverage ITI Limited's manufacturing expertise for mutual benefit.

Keel Laying Ceremony of 4 Coast Guard FPVs and Inauguration of GSL Integrated Stores Complex

Goa Shipyard Limited witnessed the Keel Laying Ceremony of 04 Coast Guard FPVs and Inauguration of GSL Integrated Stores Complex recently at the hands of Shri Giridhar Aramane, IAS, Defence Secretary in the presence of DG, Rakesh Pal, PTM, TM Director General, Indian Coast Guard, Shri Brajesh Kumar Upadhyay, CMD, GSL, Shri Jaspal Singh, Director General of Police, Goa, RAdm Ajay D. Theophilus, Flag Officer Commanding Goa Area, IG Manoj Vasant Baadkar, PTM, TM, Commander Coast Guard Region (West), IG H K Sharma, TM, DDG (Tech) Indian Coast Guard, Capt Jagmohan (Retd), Director (CPP&BD) GSL and other senior officials of the Indian Coast Guard and GSL.

Keel laying is a major milestone activity in the construction of any ship symbolizing formal commencement of construction process. These vessels for the Indian Coast Guard are based on in-house design of GSL and will be fitted with most modern and technologically advanced machinery and computerized controls systems, making them the most advanced Fast Patrol Vessels in service with the Indian Coast Guard on delivery. The Fast Patrol Vessel designed by Goa Shipyard Limited is a medium range weapon fitted surface vessel which has an overall Length of 51.43 mtrs, Breadth is 8 mtrs, Draft is 2.15 mtrs (Approx.) and complement 42 that includes 7 Officers and 35 Sailors. The ship is propelled with twin engine, with CPP arrangement with



Keel laying of 4 Coast Guard FPVs and Inauguration of GSL Integrated Stores Complex by Shri Giridhar Aramane, IAS, Defence Secretary in the presence of DG, Rakesh Pal, PTM, TM Director General, Indian Coast Guard, Shri Brajesh Kumar Upadhyay, CMD, GSL and other senior officials

maximum speed of 27 Knots. It has endurance of 1500 Nautical Miles at Cruising speed (12-14 Knots) with 25% reserve fuel. Displacement of the vessel is approx. 320 Tons. It is capable of operating in sea conditions upto sea state 4 and survivability upto sea state 6. It has an expected service life of 20 years. Secondary role of the vessel: During hostilities and wartime, it will provide communication link and escort coastal convoys.

Further, the program also witnessed Inauguration of the New Stores Complex by Defence Secretary which marked the culmination of the GSL Modernization program which has been under execution to upgrade the capability of the Yard.

Speaking on the occasion, Chief Guest Shri Giridhar Aramane applauded the efforts put in by Goa Shipyard in achieving this milestone, especially the scale of indigenization in collaboration with the Indian

industry. He emphasized on the importance to nurture and develop the shipbuilding industry of the country which has had a rich legacy in the past. While highlighting the major achievements of Shipyard, Defence Secretary emphasized that this industry is increasingly becoming competitive and elucidated the importance for the GSL employees and management to gear up in terms of efficiency and competitiveness in order to retain the cutting edge.

During his address, CMD-GSL, thanked the Indian Coast Guard for their unstinted support and reiterated GSL's commitment to cater for the requirement of Maritime Defence Forces through indigenous shipbuilding.

DGCG Rakesh Pal congratulated the Chairman and Managing Director, officers and workers of Goa Shipyard Limited for their dedicated effort. DGCG said GSL will continue to strive for perfection and achieve higher goals in the years ahead.

PSEs Ink MoU

BEL, Gabriel Power sign MoU to leverage cross border biz opportunities across power & energy sectors for India



Shri Vinay Kumar Katyal, Director (Bangalore Complex), and Shri Pugazhenthir R, GM (HLS&SCB), BEL, with Shri Thomas Mathew, CEO, and Shri Anand Gajendra gadkar, Director Operations, Gabriel Power and Energy Pvt. Ltd., in the presence of senior officers of BEL and Gabriel after the signing of the MoU between the companies.

Bharat Electronics Limited (BEL) and Gabriel Power and Energy Pvt Ltd have signed a Memorandum of Understanding (MoU) to collaborate as partners and come up with state-of-the-art, cutting-edge technologies which can be manufactured in India for the use of Government and private sectors.

The strategic MoU, which would leverage the strengths and capabilities of both the organisations, is envisaged to give a boost to the 'Atmanirbhar Bharat' initiative and help realise the Government's vision of a Digital India. The focus on indigenous manufacturing reinforces the two companies' commitment to the 'Make in India' initiative, enhancing indigenous capabilities and positioning India globally, as a leading manufacturing hub for advanced power and energy solutions. The partnership will also have a significant impact on job creation within the power and energy sectors.

As part of the MoU, BEL and Gabriel would work closely together to usher in state-of-the-art technologies which would be further optimised and manufactured in India. The partnership will encompass a wide range of products, including

EV Chargers, Smart Meters, Green Hydrogen Generation, Hydrogen Gensets and Solar Steam Solutions.

IRFC and RITES sign MoU to strengthen cooperation in financing & development of Railway Infrastructure Projects



Smt. Shelly Verma, CMD (Addl. Charge) & Director (Finance) IRFC and other officials of IRFC and RITES after signing the MoU

Indian Railway Finance Corporation Ltd. (IRFC), signed a Memorandum of Understanding (MoU) with RITES Ltd. The MoU aims to identify mutual areas of collaboration for expanding IRFC's role in providing financial assistance to projects/institutions that have got backward and or forward linkages with Railways and by RITES providing assistance to IRFC in ascertaining the financial & technical viability of projects, providing advisory & consultancy services.

Smt. Shelly Verma, CMD (Addl. Charge) & Director (Finance) IRFC, expressed her views on the occasion, stating, "IRFC, along with RITES, will not only strengthen the financial ecosystem for Railway Infrastructure projects but also contribute to the overall growth and modernization of the Indian Railways. Partnering with a premium and established consultancy institution like RITES

will enhance IRFC's appraisal and marketing capabilities in exploring funding opportunities in various sectors supporting Railway infrastructure."

GAIL enters into MoUs with NHAI and Oil & Gas CPSEs to facilitate the smoother execution of activities involving infrastructure (NH & Pipeline) crossings



Shri A. K. Tripathi, Executive Director (O&M-CO), GAIL and Shri Mohammad Safi, Regional Officer, Delhi, NHAI after signing the MoU in the presence of Shri V K Rajawat, Member (Technical), NHAI.

GAIL and National Highway Authority of India (NHAI) entered into a Memorandum of Understanding (MoU) with the aim of strengthening the collaboration between these two entities recently. GAIL focuses on energy-related endeavors, while NHAI is involved in facilitating the movement of goods and materials through the development of infrastructure corridors.

The MoU was formally executed by Shri A.K. Tripathi, Executive Director (O&M-CO) representing GAIL, and Mohammad Safi, Regional Officer-Delhi representing NHAI. This event took place in the presence of Shri V. K. Rajawat, Member (Technical) of NHAI. The primary objective of this MoU is to ensure the efficient coordination and timely completion of projects undertaken by both GAIL and NHAI, while placing a strong emphasis on safety and the preservation of the shared infrastructure's interests.



GAIL also entered into a Memorandum of Understanding (MoU) following a similar approach as it did with NHAI. The MoU was jointly signed by Senior Executives from prominent Oil and Gas Central Public Sector Enterprises (CPSEs), including GAIL, ONGC, IOCL, BPCL, and HPCL. This signing event took place in the presence of the Deputy Director General (DDG) of the Ministry of Petroleum and Natural Gas (MOPNG).

Engaging in agreements of this nature, both with Governmental bodies like NHAI and among the Oil and Gas CPSEs, is poised to impart a substantial impetus to the national economy. The notable reduction in lead-time for securing permissions from counterpart entities is anticipated. Moreover, the involved parties have also reached a consensus on the exemption of existing charges associated with permission grants. Consequently, a favorable effect on project costs is expected to ensue.

In GAIL, the procedure for handling crossing applications and their processing is conducted via an online portal accessible on the GAIL website. Any entity seeking permission to cross GAIL's pipeline can initiate their application through the provided link (<https://gailebank.gail.co.in/CrossingPermission/index.html>) and stay informed about the progress of their application through the same platform.

NBCC inks MoU with Indian Green Building Council

NBCC (India) Limited signed an MoU with Indian Green Building Council (IGBC) recently for promoting green buildings in the country and conducting awareness sessions for promoting green buildings to facilitate adoption of green buildings. NBCC has taken suo moto initiative

The MoU was inked by Shri P.K. Gupta, CMD,



Shri P. K. Gupta, CMD, NBCC and Shri Gurmeet Singh Arora, Chairman, IGBC after signing the MoU in the presence of Smt. B. K. Sokhey, Director (Finance), NBCC, Shri Saleem Ahmad, Director (Projects), NBCC along with other senior officials from both the sides.

NBCC and Shri Gurmeet Singh Arora, Chairman, IGBC and in the presence of Smt B.K. Sokhey, Director (Finance), NBCC, Shri Saleem Ahmad, Director (Projects), NBCC along with other senior officials from both the sides. On the occasion Shri Gurmeet Singh Arora, Chairman, IGBC, said “NBCC’s service to the nation in building habitats of all forms is unparalleled. India has been a global leader in the green buildings movement over the last two decades, with over 10.27 billion sq. ft. of green footprint, spanning buildings of all asset classes of built environment. The contribution of NBCC in the green journey has been phenomenal. Today’s formal engagement with NBCC will help advance the National green building movement.”

PSEs CSR Activities

NHPC contributes Rs. 3 Crore to Chief Minister’s Relief Fund (CMRF), Himachal Pradesh

NHPC, contributed Rs. 3 Crore to Chief Minister’s Relief Fund (CMRF), Himachal Pradesh towards the relief of the recent flood and landslide victims in the state.

This fund is used when natural calamities or tragedy strike the State and is provided to affected residents for immediate relief to minimize the grief and loss of the people. It is also utilized for humanitarian purposes in adverse circumstances.

As a responsible corporate citizen, NHPC has always been concerned about the welfare of the public at large and has stood by the nation during difficult times.

Awards & Accolades to PSEs

CMD, PFC Honored with 'Finance Leader of the Year' Award



Smt. Parminder Chopra, CMD, PFC receiving the Award

Smt. Parminder Chopra, CMD, PFC has been conferred with the "Finance Leader of the Year" Award. This prestigious accolade was presented during the Felicitation Ceremony of the 'ET Prime Women Leadership Awards' (ETPWL A) 2023, held in Mumbai.

The "Finance Leader of the Year" award celebrates Smt. Chopra's exceptional contributions to the finance industry, she served as an inspiring role model for aspiring finance professionals. Her outstanding achievements in financial management, strategic decision-making, and driving organizational growth have left an indelible mark on the world of finance.

ET Prime Women Leadership Awards, India's most prestigious awards programme for women leaders, honours eminent personalities from India Inc. and beyond, recognising their achievements in overcoming challenges, promoting diversity and

inclusion, and reshaping the landscape of women in leadership across industries. Smt. Chopra emerged as a deserving winner, as determined by a distinguished jury panel headed by Ms. Naina Lal Kidwai and other renowned jurors, following a rigorous shortlisting and evaluation process.

Smt. Parminder Chopra is a qualified Cost Accountant and an MBA. With an illustrious career spanning over three and a half decades, she has held crucial positions in Power Sector behemoths. Her visionary approach, meticulous financial planning, and sound decision-making have significantly contributed to PFC's sustained growth and profitability & journey from Navratna to Maharatna.

Director (Finance), GAIL Shri Rakesh Kumar Jain wins prestigious 'CFO Leadership Award'

Shri Rakesh Kumar Jain, Director (Finance) of GAIL (India) Limited, has been honoured with the prestigious 'CFO Leadership Award' by CMO Asia. The award was presented at the 14th Edition of CMO Asia Awards ceremony held in Singapore recently.



Shri Rakesh Kumar Jain

A Cost and Management Accountant by profession, Shri Jain joined GAIL in 1992 as a Management Trainee and has been part of the growth trajectory of the company. Prior to his appointment as Director (Finance), Shri Jain held the position of Executive Director (Finance & Accounts) in GAIL. Additionally, Shri Jain holds the position of Director in Indraprastha Gas Limited, GAIL Gas Limited, GAIL Global (USA) Inc. and GAIL Global (USA) LNG LLC.

PSEs celebrate **Independence Day**

Independence Day Celebrations at BVFCL



Shri Siba Prasad Mohanty, CMD, BVFCL CMD, BVFCL after unfurling the flag and addressing the participants during the 77th Independence Day celebrations of BVFCL

A momentous and heartwarming day unfolded at BVFCL, Namrup, as the community united to commemorate the 77th Independence Day of our nation. The event was characterized by a series of deeply patriotic instances that left a lasting impression on everyone present.

The day commenced with a significant gesture as Shri Siba Prasad Mohanty, CMD, BVFCL graced Gandhi Mandap with his presence. Amidst a palpable sense of unity, the CMD, BVFCL and other esteemed attendees paid their respects to Gandhiji's statue, emphasizing their commitment to the principles he stood for – truth, nonviolence, and freedom.

The energy soared as the CMD made his way to the parade ground, greeted by an eager multitude. His arrival was met with infectious enthusiasm and patriotic fervor, underscoring the immense significance of the occasion. The zenith of the celebration arrived with the unfurling of the National Flag.

A meticulous inspection of the parade by the CMD showcased the impeccable discipline, dedication, and professionalism of BVFCL's personnel. This moment honored the untiring commitment of those who uphold the values our nation stands for.

In his Independence Day message, the CMD

conveyed optimism and achievement, shedding light on BVFCL's initiatives and accomplishments. His words reiterated the organization's unwavering dedication to progress and development. The CMD also took the opportunity to extend heartfelt appreciation to all BVFCL employees for their relentless hard work and perseverance.

Distinguished guests, including dealers from the states of Assam, Chattisgarh, Bihar, West Bengal, Jharkhand and Odisha., were honored by the CMD. This act not only recognized their contributions but also fortified regional ties, fostering mutual growth and collaboration.

The event encompassed the heartwarming distribution of prizes and certificates to winners of competitions held in the spirit of Independence Day and Azadi ka Amrit Mahotsav. Cultural performances by students from Kendriya Vidyalaya, Namrup, BVFCL Model Higher Secondary School, Namrup, and BVFC Higher Secondary School, Namrup, added a vibrant touch to the event.

Independence Day Celebrations at EdCIL



Shri Manoj Kumar, CMD of EdCIL, Hoisting the National Flag During Celebrations."

EdCIL India Limited celebrated the “Independence Day” (Azadi Ka Amrit Mahotsav) on 15th August, 2023 at its Corporate Office, Noida. Shri Manoj Kumar, CMD, EdCIL India Limited, graced the occasion as chief guest and hoisted the National Flag amidst the singing of the ‘National Anthem’ in the presence of the senior officials, employees, and their family members.

CMD addressed the gathering on the theme for this year's celebration as “Nation First, Always First,” an integral part of the broader “Azadi Ka Amrit Mahotsav” Celebration. He also appreciated the ‘Har Ghar Tiranga’ & ‘Meri Mati Mera Desh’ campaigns of the Government of India as it brings the entire nation together in the celebration.

Addressing the gathering, CMD, began by remembering the efforts and sacrifices of the freedom fighters of India and the inspiration, the current generation can take from them. He also emphasized the key highlights of the ‘New Education Policy’ and the immense potential of the Education sector in the nation.

EIL Celebrates India's 77th Independence Day



Smt. Vartika Shukla CMD, EIL along with the Functional Directors & CVO during the Independence Day celebrations at EIL

Engineers India Limited (EIL), ushered in India's 77th Independence Day celebrations with the unfurling of the National Tricolour at the Head Office, New Delhi and EIL Gurugram Complex followed by various employee engagement programs and initiatives. The celebrations were led by CMD EIL, Ms Vartika Shukla, along with the Functional Directors & CVO which included various talent recognition annual awards, tribute to India's freedom fighters and war heroes and cultural performances by EIL employees and their families adding a patriotic fervor to the celebrations.

Speaking on the occasion Smt. Shukla detailed the Hon'ble PMO India's vision for transforming India

into a developed nation by its 100th Centenary year and the opportunity for EIL to play an active role in the realization of this Vision.

EIL Employees were recognized for their distinguished contribution during the FY 2022-23, in various categories of Awards viz “Best Employee in the staff category”, “Executive of the Year”, “Awards for Individual and Team Innovation” and “Technical Paper Writing Competition”. EIL employees posted at project sites and branches across the world also participated in the Govt of India's ‘Har Ghar Tiranga’ Campaign and unfurled the National Tricolour at their home and respective work locations.

GRSE Celebrates Independence: Reinforces its Commitment to Atmanirbharta in Shipbuilding



GRSE's tableau at the Independence Day parade on Kolkata's Red Road as part of Independence Day celebrations

Garden Reach Shipbuilders and Engineers (GRSE) Ltd. celebrated Independence Day with utmost patriotic fervour and enthusiasm on 15th August 2023. The commemorative event witnessed the hoisting of the National Flag by Cmde P.R. Hari IN (Retd), CMD, GRSE, at the GRSE Main Unit in the presence of Shri R.K. Dash, Director (Finance), GRSE, DIG Subrato Ghosh, ICG (Retd.), Director (Personnel), and other senior officials and employees of GRSE.

On the historic occasion, GRSE's tableau at the Independence Day parade on the city's Red Road showcased its state-of-the-art shipbuilding technology and the varied range of maritime platforms that have been delivered to Indian Navy, Indian Coast Guard and friendly foreign countries.

The day also marked the culmination of GRSE's two-year-long India@75 "Azadi Ka Amrit Mahotsav" celebration conducted over 11 weeks featured over 75 impactful initiatives encompassing areas such as "GRSE's success story of Indigenisation", "Vendor & MSMEs Development", "Smart Shipyard", "Energy Management & Electrical Safety", "Supply Chain Management", "Quality Assurance in Shipbuilding", "Intellectual Property Rights", Gender Equality, Environmental Sustainability, Education and many more. These initiatives included health checkup camps for underprivileged people at various locations in Kolkata and its surrounding areas. GRSE also organized public exhibitions in Kolkata & Ranchi, conducted a 100 Tree Plantation Drive across all units, and showcased India's shipbuilding prowess at the AKAM Exhibition in Gandhinagar.

In its journey to promote awareness about 'Atmanirbhar Bharat' under the India@75 celebrations, GRSE organized "KWIZDOM", an interschool quiz competition on Glorious India. 53000 students from across 112 schools from Kolkata & Howrah participated in this Quiz that aimed to ignite the young minds to celebrate the advent of a new India in the Amrit Kal reaffirming the "Panch Pran" including the honour & pride in our roots, goal of developing India, elimination of colonial mindset, developing of unity and a sense of duty amongst citizens and above all ensure that young Indians grow up as proud Indians confident of the legacy, culture and heritage of our motherland.

During his address, Cmde PR Hari IN(Retd.), CMD,GRSE said, "As we celebrate the 77th Independence Day of our Nation, we have transited from 'Azadi Ka Amrit Mahotsav' to 'Azadi ka AmritKal', and the theme "Nation First and Always First" resonates powerfully. Our unwavering commitment to Atmanirbharta within the Make-in-India initiative is evident through GRSE's delivery of 108 warships, showcasing our dedication to the nation's progress."

MDL Celebrates 77th Independence Day

Mazagon Dock Shipbuilders Limited celebrated the 77th Independence Day with great fervour on its premises. Shri Sanjeev Singhal, Chairman and



Shri Sanjeev Singhal, CMD, MDL inaugurating the newly set up Central Kitchen facility.



Shri Sanjeev Singhal, CMD, MDL at flag hoisting during the 77th Independence Day

Managing Director, Mazagon Dock Shipbuilders Limited, hoisted the National Flag and inspected the guard of honour presented by the CISE, MDL Fire Brigade, MDL Security Staff & Maharashtra Security Guard Board contingents on the occasion. The ceremony was attended by MDL Directors, CVO and other senior officials along with their families.

Shri Sanjeev Singhal, CMD, MDL addressed the gathering and presented awards to MDL employees and CISF personnel for their meritorious work.

CMD also inaugurated the newly setup Central Kitchen at Alcock Yard. This facility is spread over an area of 550 SqM and is equipped with modern cooking equipment having capacity to cook meals for 2500 personnel under hygienic conditions.

Independence Day celebrated at NALCO with Patriotic Fervor



Shri Sridhar Patra, CMD, NALCO, Commemorates Independence Day by Hoisting the National Flag in the Presence of Senior Officials.

Shri Sridhar Patra, CMD, NALCO and others at the Independence Day celebrations at NALCO 77th Independence Day was celebrated with patriotic fervor across all units, Corporate Office and regional offices of National Aluminium Company Limited (NALCO). Shri Sridhar Patra, CMD, NALCO, visited the Company's Smelter and Power Complex, located at Angul, Odisha, and hoisted the tricolor in presence of senior officials, representatives of

various Unions & Associations and invited guests.

In his address, Shri Patra urged Nalconians to rededicate themselves to nation building in this "Amrut Bela". Meritorious students of DPS, SVM and peripheral school of Smelter and Power Complex were also felicitated on the occasion. Paying rich tributes to the 'Veers' who laid down their lives for the country, Shri Patra planted sapling under the Meri Mati Mera Desh initiative. Among others, Shri A.K. Swain, ED(S&P) and Senior Officials of the unit were present on the occasion. The three-day long celebration of Har Ghar Tiranga campaign also culminated with a Tiranga Bike rally, which was witnessed with enthusiastic participation of employees, students, CISF personnel and general public.

At the NALCO Corporate Headquarters at Bhubaneswar, Dr. S. K. Tamotia, Ex-CMD hoisted the National Flag.

77th Independence Day Celebrations At NLCIL, Neyveli



Shri Prasanna Kumar Motupalli, CMD of NLCIL, pays Tribute to Mahatma Gandhi by Garlanding His Bust.

The 77th Independence Day of the Nation was celebrated at NLCIL with great fervor and enthusiasm. Shri Prasanna Kumar Motupalli, CMD, NLCIL, garlanded the bust of Mahatma Gandhi at the Township Administration Office premises in the presence of Functional Directors and inaugurated the day long celebrations.

Later, he hoisted the Tricolour at the Bharathi Stadium. He inspected the ceremonial parade and accepted the Guard of Honour.

Shri Prasanna Kumar Motupalli, CMD, NLCIL, in his address, paid homage to the Father of the Nation,

Mahatma Gandhi and all the freedom fighters who laid down their lives in India's freedom struggle.

He proudly said that NLC India Limited had registered impressive records in Physical and Financial fronts in the results published recently for the Year 2022-2023. NLCIL contributed a share of Rs. 429 Crore to the State of Tamil Nadu, which is also the major beneficiary of NLCIL's power plants.

In the current scenario, the business matrix of NLCIL was critically reviewed and integrated with an optimal mix of Thermal and Renewable energy generation. NLCIL had also incorporated a wholly owned subsidiary NLC India Renewables Limited (NIRL). He said that NLCIL had spent 43.07 crore from CSR funds for Community Healthcare,

Sanitation, Drinking Water, Promoting Education & Skill development, Development of rural infrastructure, irrigation, sports and protection of heritage through which 6,24,000 needy people benefitted.

Shri Prasanna Kumar said that NLCIL was honoured with many awards this year like 5 Star rating for Mines, GeM award, Greentech International EHS award, Gasification – Clean Energy award, EXCEED Occupation Health & Safety award, Best Environment, Social and Governance (ESG) performance award.

The senior most worker of NLCIL Smt. R. Malarkodi, Attendant Special Grade-A along with her spouse, Shri N. Suresh were honoured.

Personalia



Smt. Parminder Chopra
assumes charge as
Chairman and Managing Director
Power Finance Corporation Limited
(PFC).



Shri Shantanu Roy
assumes charge as
Chairman & Managing Director of
BEML Limited.



Shri Kuldeep Singh
assumes charge as
Chairman & Managing Director of
HIL (INDIA) Limited.



Shri Indra Dev Narayan
assumes charge as
Chairman-cum-Managing Director of
Mineral Exploration and Consultancy
Limited.



Shri Yatish Kumar
additional charge as
Chairman and Managing Director
of Braithwaite & Company Limited (BCL).



Shri N. Senthil Kumar
appointed as Director (Pipelines) of
Indian Oil Corporation Limited.



Dr. Yatindra Dwivedi
assumes charge as
Director (Personnel)
of POWERGRID.



Shri P V Raja Ram
has assumes charge as Director (Production)
of Bharat Dynamics Limited.



Shri Jai Prakash Dwivedi
Director (Technical) assumes additional charge
as Director (Personnel)
of Western Coalfields Limited.



SCOPE FORUM OF CONCILIATION AND ARBITRATION (SFCA)

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

WHY SFCA?

Empanelment of more than 400 Arbitrators/ Conciliators

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

Complete services for conducting Arbitration

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

Cost effective and timely dispute settlement

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

Dedicated Infrastructure

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

Facilities and provisions

- Provision of modern equipments and facilities such as projector for live streaming of proceedings on a large screen, stationery etc.
- Arrangements of high tea/lunch on request of the parties.

Capacity Building

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



For any queries relating to SFCA, you may contact

SCOPE FORUM OF CONCILIATION & ARBITRATION (SFCA)

1st Floor, Core 8, SCOPE Complex, Lodhi Road, New Delhi-11 00 03 • Email: sfca@scopeonline.in

• Phone: 011- 24360559, 011- 24361745

Mr. Shubh Ratna

GM (Tech. & HR)

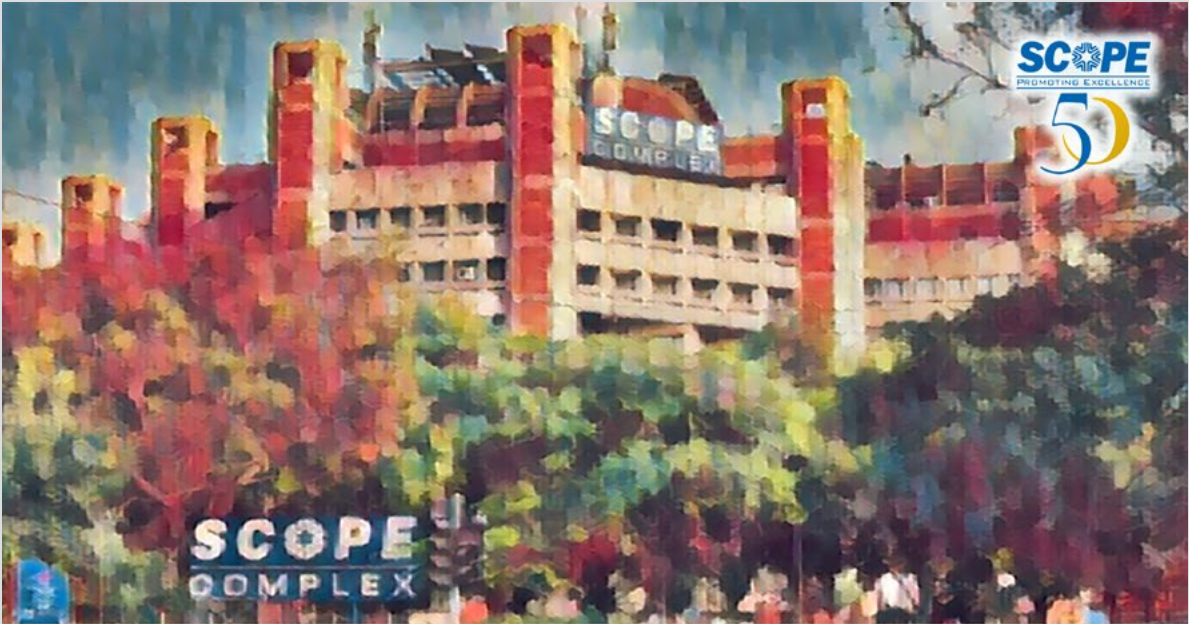
Mob: 9873398242

Mr. Nishant Kumar

Manager

Mob: 9953046060

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



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.

Bhoomi Pujan of 'Social Interaction Club' was organized recently. As 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