

KALEIDOSCOPE

STANDING CONFERENCE OF PUBLIC ENTERPRISES

SCOPE's Interaction with Parliamentary State Secretary at the Federal Ministry for Economic Affairs & Climate Action, Germany



SCOPE Workshop on Women Leadership Development

Secretary General, IOE, Geneva & CIE Representatives visit SCOPE



SCOPE wishes Happy Independence Day to all KALEIDOSCOPE readers





KALEIDO SCOPE



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Content

05 Message by Chairman

07 Director General's Desk

08 Secretary General, IOE, Geneva visits SCOPE



09 SCOPE's Interaction with Parliamentary State Secretary at the Federal Ministry for Economic Affairs & Climate Action, Germany



10 SCOPE organises Workshop on Women Leadership Development



12 Glimpses of SCOPE program on Women Leadership Development

14 Interaction of Chief of Skills and Employability, ILO & ILO India team with SCOPE



15 Interface with Stakeholders



16 SCOPE in Media

18 Comments/Feedback received for Workshop on Women Leadership Development

Articles

19 Steel and Economy-A Look Back and Way Forward (Part- I)
by Sushim Banerjee

24 Nine Jewels added to Indian Economy's Crown
by Prof. Lallan Prasad

26 Management & Mahabharata
by Debasis Satapathy

30 Virtuous Corporate Governance: Upholding Universal Dharma for Sustainable Growth
by Shikha Talreja

32 Potentials of Tea in Enhancing Health (Part I)
by Dr. H. K. Chopra

- 40** PSE News
- 59** Personalia

60 Public Sector Enterprises Nurturing Sportstars of the Country

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Message by Chairman

At the outset, I extend my wishes to our readers on the occasion of the country's Independence Day. As the country enters the historic month of August, amid all the celebrations, we must commit ourselves as dutiful citizens towards not just creating a today full of victories, but also tomorrow full of promises.

As nation builders, Public Sector Enterprises (PSEs) are major contributors in strategic sectors of the economy and being the growth engine of the nation's development story, have participated fervently in the 'Azadi ka Amrit Mahotsav' (AKAM) celebrations. As this 15th August marks the conclusion of nationwide AKAM celebrations, SCOPE has associated with Department of Public Enterprises (DPE) to highlight the CSR activities of PSEs in the country.

The country is at the cusp of change. With a rich history behind us, fostering the dream of becoming a superpower, the key lies in skilling and building capacities of the workforce. SCOPE has been associating with national and international partners towards creation of conducive learning opportunities.

Taking forwards our collaborative approach of aligning with international partners towards creating a more sustainable and climate conscious future, SCOPE had an interactive meet with Mr. Stefan Wenzel, Parliamentary State Secretary at the Federal Ministry for Economic Affairs & Climate Action, Germany and his team from Germany. I hope SCOPE's engrossing deliberations will soon carve a new chapter in SCOPE's green efforts.

As women form a pivotal part of our workforce, their learning and development must be the

prerogative of all organizations. On these lines, a Workshop on Leadership Development in Women Executives was held recently by SCOPE. Inaugurated by Smt. Arti Ahuja, Secretary, Ministry of Labour & Employment, the two-day workshop was graced by Smt. Soma Mondal, Member, PESB; Dr. Vasundhara Upamanyu, Joint Secretary, Department of Public Enterprises (DPE); Dr. Alka Mittal, Former Chairman & MD, ONGC; Ms. Sukla Mistry, Director (Refineries), IOCL, among other dignitaries. I am happy to share that bringing together the who's who of women leadership, the two-day workshop provided an insight into how women can advance their careers to overcome challenges and succeed in their careers.

In the upcoming months too, SCOPE will continue to conduct programs and workshops on apposite subjects such as Treasury, Risk Management, RTI, among others. As we seek to accomplish the goal of creating a pool of equipped and skilled workforce, I hope our endeavours continue to find the incessant supported of our members.

As always, we look forward to your suggestions and feedback that can help SCOPE expand its horizons. May we continue to think big and aspire to touch newer heights of success.

Jai Hind.

Sandeep Kumar Gupta
Chairman, SCOPE

One Day Interactive Workshop on Treasury and Financial Risk Management of PSEs

Date: Thursday, 17th August 2023
Time: 9:30 am - 5:00 pm

Venue: SCOPE Convention Centre, Lodhi Road, New Delhi



Program Objective:

Treasury management plays a crucial role in the financial operations of Public Sector Enterprises (PSEs) in India. With their global presence and significant impact on the country's economy, efficient treasury management practices are essential for optimizing cash flows, managing risks and ensuring financial stability.

With the aim of efficient funds flow optimization of PSEs, Standing Conference of Public Enterprises (SCOPE) in association with The Institute of Chartered Accountants of India (ICAI) is organizing an interactive workshop on Treasury and Financial Risk Management of PSEs.

Eminent faculty and professionals having expertise in the domain area will address the participants followed by interaction.

Detailed Topic Coverage:

- Knocking out the myths of no treasury management
- Evaluation of Treasury Management System - Going beyond the legacy
- Treasury Reporting
- Risk Identification and mitigation
- Establishing Risk Monitoring systems and processes
- Business Continuity and Crisis Management
- Risk Culture and Communication
- Technology in Treasury & Risk Management

Details of nominated executives (Name, Designation, E-mail & Contact No.) may please be sent to:
Mr. Nishant Kumar (+91-9953046060) at nishant@scopeonline.in



STANDING CONFERENCE OF PUBLIC ENTERPRISES



Director General's Desk

In today's transcending times, symbiotic relationships with global stakeholders are a prerequisite for success. As research suggest that Globalization is a reality that is not going away, but only changing with the times, an even more interconnected business ecosystem has accentuated the need to adapt a universal perspective.

Representing employers at International forums constitutes a major part of SCOPE's endeavours and it has over the past few years taken ardent steps to strengthen relations and create a sustainable business environment.

SCOPE is one of the constituents of the Council of Indian Employers (CIE), that play a pertinent role in interactions and deliberations organized by the Government of India and Statutory Bodies from time to time and represent employers at employeers's forums such as International Labour Organization (ILO), Geneva, and International Organisation of Employers (IOE).

As part of our association, we recently hosted Mr. Roberto Suárez Santos, Secretary General, IOE and CIE representatives at SCOPE deliberating on our various collaborative efforts and future endeavours.

This was followed by the visit of Mr. Srinivas B. Reddy, Chief, Skills and Employability, ILO Geneva along with the ILO India team, discussing the various research, studies, workshops and learning, development efforts being undertaken by SCOPE and ILO jointly as well as future collaborations, joint working.

ILO has long been one of our most dedicated partners in furthering endeavours regarding labour issues, international labour standards, social protection, and creation of equal work opportunities for all.

Furthering our commitment to creating a greener and more sustainable future an Interactive Meeting was organized with Mr. Stefan Wenzel, Parliamentary State Secretary at the Federal Ministry for Economic Affairs & Climate Action, Germany; Members of German Embassy and GIZ, Germany marking an important juncture in SCOPE's green journey.

SCOPE also continues to take collaborative steps towards creation of learning and development opportunities. As part of enhancing the skills and capacities of women executives in Public Sector Enterprises (PSEs), SCOPE also conducted a program of Leadership Development,

which was inaugurated by Smt. Arti Ahuja, Secretary, Ministry of Labour & Employment and graced by several dignitaries.

The resounding success of this workshop has invigorated us further to conduct more such programs and I look forward to the support of our members for the same. SCOPE was also invited to the inaugural session of the Global Summit of The Institute of Cost Accountants of India as Guest of Honour, where as strategic partner, we reflected upon the strategic presence and role of PSEs in the national economy.

As August brings in the celebration of the country's Independence Day, SCOPE joins the nation in commemoration of India's rich culture and heritage, while committing to be part of the country's resolve to emerge as the world's knowledge hub or 'Vishwaguru.'

I take this opportunity to wish all our readers Happy Independence Day.

Programmes & Initiatives launched (since last issue of KALEIDOSCOPE)

Workshop on Leadership Development for Women Executives- **13th-14th July, 2023**

SCOPE as Strategic partner at ICAI Global Summit- **14th -15th July, 2023**

Secretary General, IOE & CIE Representatives visit SCOPE – **19th July, 2023**

Interactive Meet of Chief, Skills and Employability, ILO Geneva & ILO India team with SCOPE- **20th July, 2023**

Programmes & Initiatives in the office

SCOPE celebrates Independence Day- **15th August, 2023**

SCOPE -ICAI Workshop on 'Treasury and Financial Risk Management for PSEs' - **17th August, 2023**

National Meet of RTI – **14th-15th September, 2023 (tentative)**

SCOPE- ILO study on Skilling for Future

Atul Sobti
Director General, SCOPE

Secretary General, IOE, Geneva visits SCOPE

Mr. Roberto Suárez Santos, Secretary General, International Organisation of Employers (IOE) and representatives from Council of Indian Employers (CIE) visited SCOPE for an interactive session on 19th July, 2023. The meeting was participated by Mr. Alok B. Shriram, President, AIOE & Chairman, CIE; Mr. Rajeev Dubey, Member, ILO Governing Council, Mr. Atul Sobti, DG, SCOPE; Members of SCOPE Executive Board, Mr. Dillip Kumar Patel, Director (HR), NTPC Ltd.; Mr. Lokesh Kumar Aggarwal, Director (Finance), India Tourism Development Corporation Limited; Ms. Akustina Morni, Director for Employment, Skills and Diversity, IOE; Mr. Arvind Francis, Secretary (Coordination), CIE and senior members from SCOPE.

SCOPE as the representative of employers has been closely associated with IOE, working in coherence for strengthening business interests and priorities of organizations.

As one of the constituents of the Council of Indian Employers (CIE) along with All India Organisation of Employers (AIOE) and Employers' Federation of India (EFI), SCOPE partakes in interactions, sessions organized by the Government of India and Statutory Bodies from time to time and on international employer's forums of International Labour Organization (ILO), Geneva, and IOE.

Mr. Roberto Suárez Santos during his visit shared that SCOPE has been an active participant



Mr. Atul Sobti, DG, SCOPE; Mr. Roberto Suárez Santos, Secretary General, International Organisation of Employers (IOE) and Mr. Alok B. Shriram, President, AIOE & Chairman, CIE during interaction.

in IOE's conferences, meetings, bringing forth the business voice of employers at pivotal forums. Calling India 'the future' of the world, with a strategic presence globally, Secretary General, IOE emphasized that the aim of his visit was to gain an insight into how IOE and SCOPE can strengthen their relationship further, expanding newer avenues

of association while deducing the way forward.

He also shared that the new reality of work has brought in newer set of challenges, calling upon the need to understand what needs to be done in areas such as social protection of workers, employment relationships, just transition and its impact on the world of work among others.



Mr. Dillip Kumar Patel, Director (HR), NTPC Ltd. & Member, SCOPE Executive Board and Ms. Akustina Morni, Director for Employment, Skills and Diversity, IOE during the meeting.

During the meeting, welcoming the IOE team, Mr. Atul Sobti shared that SCOPE and IOE, in the past few years have gone strength to strength in working towards their common vision of representing employers and their issues. DG, SCOPE gave a glimpse into the recent activities undertaken by SCOPE and assured that SCOPE will continue making dedicated advocacy efforts.



Mr. Rajeev Dubey, Member, ILO Governing Council; Mr. Lokesh Kumar Aggarwal, Director (Finance), ITDC & Member, SCOPE Executive Board; Mr. Arvind Francis, Secretary (Coordination), CIE and Senior Official from SCOPE and CIE during the meeting.

SCOPE's Interaction with Parliamentary State Secretary at the Federal Ministry for Economic Affairs & Climate Action, Germany



Mr. Stefan Wenzel, Parliamentary State Secretary at the Federal Ministry for Economic Affairs & Climate Action, Germany; Mr. Sandeep Kumar Gupta, Chairman, SCOPE & CMD, GAIL; Mr. Atul Sobti, DG, SCOPE; Members of the Federal Ministry for Economic Affairs & Climate Action, Germany; Members of German Embassy and GIZ at the interactive meeting.

An interactive meeting of Mr. Stefan Wenzel, Parliamentary State Secretary at the Federal Ministry for Economic Affairs & Climate Action, Germany; Members of the Federal Ministry for Economic Affairs & Climate Action, Germany; Members of German Embassy and GIZ was held with Shri Sandeep Kumar Gupta, Chairman, SCOPE & CMD, GAIL and Shri Atul Sobti, DG, SCOPE on 25th July, 2023. The meeting saw deliberations

marking a step forward in accelerating green transition and decarbonization efforts of the corporate sector, while creating a positive ecosystem to address pertinent issues with close cooperation from the German Ministry.

SCOPE has been working intently with GIZ, Germany towards Climate Change Mitigation efforts and creating a more sustainable planet. The interaction saw deliberations on creating conducive opportunities for

reducing carbon emission and decarbonising the industries for a healthier planet. Few areas were also identified for activities in the future like aligning in research and development, joint ventures to develop efficient energy storage systems; Training & Certification programs for middle management with focus on Climate Change areas and senior management exchange visits to share best practices for reducing carbon footprint in the German industry.

SCOPE organizes workshop on Women Leadership Development



Ms. Arti Ahuja, Secretary, Ministry of Labour & Employment addressing participants during the Inaugural Session of the workshop in the presence of dignitaries.

SCOPE organized a Workshop on 'Leadership Development for Women Executives' on 13th July – 14th July, 2023. The inaugural session was graced by Ms. Arti Ahuja, Secretary, Ministry of Labour & Employment; Ms. Soma Mondal, Member, PESB; Dr. Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Mr. Satoshi Sasaki, Officer-In-Charge, ILO, India; Mr. Atul Sobti, DG, SCOPE; Mr. R. K. Tyagi, Director (Operations), POWERGRID and Mr. Ashok Bhat, Program Director. Highlighting ways women can propel their careers, by transcending with the times and performing multifarious roles, the inaugural session was attended by over 250 participants including senior women employees of PSEs, from across the country.

Inaugurating the workshop, Ms. Arti Ahuja called upon women to realize their true potential and said that 'women are born leaders' and must never underestimate their power. She exhorted women to live by the motto - 'Dream more, Do more and Become More.' She further added that leaders never confine themselves to their own success, and the best leader is one who creates more leaders for the future. She also emphasised the need for women to be multitaskers and earnest negotiators at work, who can rise up to the occasion and grab the opportunities coming their way.

Ms. Soma Mondal invigorating the diverse pool of participants shared her perspective on women leadership. Sharing what

differentiates a normal worker from an achiever is the attitude, Ms. Mondal shared that any employee who is willing to take up a challenge at work, whether a male or female is bound to succeed. She reiterated that it is the will to accomplish that can help one 'rise up' in their careers. She advised leaders to have 'shared goals' with the team if they wish to succeed while being open to suggestions, feedback while synergizing faith in the team.

Mr. Satoshi Sasaki, giving the international perspective stated that SCOPE and ILO have long been associated and mentioned the various studies and workshops undertaken by them jointly like the formation of 'Network of Champions' in PSEs,



Ms. Soma Mondal, Member, PESB; Mr. Atul Sobti, DG, SCOPE; Mr. Satoshi Sasaki, Officer-In-Charge, ILO, India and Mr. R.K. Tyagi, Director (Operations), POWERGRID; addressing the participants during the inaugural session.

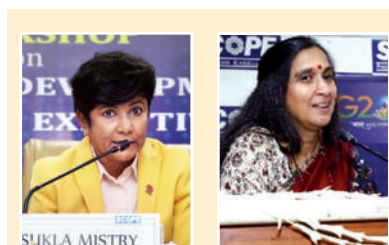
the landmark study on 'Impact of WFH on Women Executives' etc. and he assured that SCOPE and ILO will continue to work together comprehensively in the future as well.

Mr. Atul Sobti in his opening address, welcomed the diverse group of dignitaries and participating women employees from across the country. Throwing light on the fact that India was among the few nations that administered women rights, right after independence, DG, SCOPE added that India has always prioritized Women Empowerment.

He further advised organizations to envisage larger roles to women, empower them through skilling, offer flexible policies and invigorated women to build 'emotional resilience' while networking and encouraging each other on the way to achieve newer heights of success. He also suggested that men must also extend their support in creating an equitable environment at work.

Mr. Ravindra Kumar Tyagi giving the industry perspective, stated that there is an urgent need to empower women through stringent steps like skilling, providing equal access to development opportunities and addressing biases at work.

The two-day workshop had sessions led by women leaders such as Session on 'Breaking the Glass Ceiling: Women's Career Advancement & Leadership in PSEs' with Ms. Sukla Mistry, Director (Refineries), IOCL where she invigorated women with the mantra: 'Don't let circumstances define you. Empower yourself, so that you define the circumstances.' Another intriguing session



Ms. Sukla Mistry, Director (Refineries), IOCL and Dr. Alka Mitta, Former Chairman & MD, ONGC addressing participants during their sessions.

themed 'Women's Journey thus far & Road ahead' was led by Dr. Alka Mitta, Former Chairman & MD, ONGC.

Various other important sessions were held across the two-day workshop by Dr. Punam Sehgal, Former Dean and Professor at IIM-Lucknow and Mr. Ashok Bhat, Program Director.

The Valedictory session of the workshop was addressed by Mrs. Ravneet Kaur, Chairperson, Competition Commission of India as Chief Guest who encouraged women to foster newer skills and transcend with the times for success.

Ms. Sanchir Tugshimeg, Senior Adviser, ILO ACTEMP, Geneva also addressed the participants joining the Valedictory session virtually from Geneva



Ms. Sanchir Tugshimeg, Senior Adviser, ILO ACTEMP addressing the Valedictory session virtually from Geneva in the presence of Mrs. Ravneet Kaur, Chairperson, Competition Commission of India; Mr. Atul Sobti, DG, SCOPE; Mr. Lokesh Kumar Aggarwal, Member, SCOPE Executive Board & Director (Finance), ITDC and Mr. Ashok Bhat, Program Director.



(L-R) Mr. Atul Sobti, DG, SCOPE; Mr. Satoshi Sasaki, Officer-In-Charge, ILO, India; Dr. Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Ms. Arti Ahuja, Secretary, Ministry of Labour & Employment; Ms. Soma Mondal, Member, PESB; Mr. R.K. Tyagi, Director (Operations), POWERGRID and Mr. Ashok Bhat, Program Director during the workshop.

Glimpses of SCOPE program on Women Leadership Development held on 13th July – 14th July, 2023 at SCOPE Convention Centre, New Delhi



Ms. Arti Ahuja, Secretary, Ministry of Labour & Employment addressing the women executives of PSEs.



Participants during the workshop.



Mr. Atul Sobti, DG, SCOPE addressing the participants.



Mr. R.K. Tyagi, Director (Operations), POWERGRID and Member, SCOPE Executive Board addressing the participants.



Mr. Satoshi Sasaki, Officer-In-Charge, ILO, India addressing participants.



(L-R) Dr. Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Mr. Atul Sobti, DG, SCOPE; Ms. Arti Ahuja, Secretary, Ministry of Labour & Employment and Ms. Soma Mondal, Member, PESB during the workshop.



Ms. Sukla Mistry, Director, (Refineries), IOCL addressing the participants.



Mrs. Ravneet Kaur, Chairperson, Competition Commission of India addressing the participants in the presence of Mr. Atul Sobti, DG, SCOPE; Mr. Lokesh Kumar Aggarwal, Member, SCOPE Executive Board & Director (Finance), ITDC and Mr. Ashok Bhat, Program Director



Members, SCOPE Executive Board and other dignitaries during workshop.



Dr. Alka Mittal, Former Chairman & MD, ONGC Limited addressing participants.



Mr. Atul Sobti, DG, SCOPE; Mrs. Ravneet Kaur, Chairperson, CCI; Mr. Lokesh Kumar Aggarwal, Member, SCOPE Executive board & Director (Finance), ITDC and participants of the workshop from various PSEs across the country.

Interaction of Chief of Skills and Employability, ILO & ILO India team with SCOPE



Mr. Srinivas B. Reddy, Chief, Skills and Employability, ILO Geneva; Mr. Atul Sobti, DG, SCOPE; Mr. Ravi Peiris, Senior Specialist, Employers' Activities, ILO DWT and officials from ILO India team during the visit.

Mr. Srinivas B. Reddy, Chief, Skills and Employability, ILO, Geneva visited SCOPE on 20th July, 2023 for an interaction on possible areas of collaboration between ILO and SCOPE in the areas of skill upgradation. The meeting was participated by Mr. Atul Sobti, DG, SCOPE; Mr. Ravi Peiris, Senior Specialist, Employers' Activities, ILO DWT for South Asia and Country Office; Mr. Gabriel Bordado and Ms. Yukari Kanamori from ILO's Decent Work Team, South Asia; senior officials from Public Sector Enterprises and SCOPE.

Speaking to the participating members, Mr. Reddy shared that the world of work is undergoing tremendous transitions and many disruptions like, just transition

will create nearly 30 million job opportunities. He specified that these opportunities will be created in Digital, Green and Care economies thereby escalating the need for equipping the workforce with the requisite skills. He suggested that with the escalated need for global collaborations and cooperation, SCOPE can identify specific areas or activities where ILO can help SCOPE in developing strengths. He also encouraged SCOPE to engage in experimentation in apprenticeship for adults, look for opportunities in skill innovation etc.

Mr. Atul Sobti, DG, SCOPE welcoming the ILO team said that SCOPE and ILO have long partnered in various initiatives

in areas of employment, labour issues etc. He also shared the pivotal role of PSEs in the economy and the various initiatives of PSEs towards skilling, social security of informal workers and, adapting to just transitions. Giving a glimpse of the recent activities of SCOPE, he added that in the recent times, SCOPE and ILO, have conducted two studies in the area of Women Empowerment and moving forward, a study on 'Skilling for the Future' has been initiated. DG, SCOPE also suggested that there was need for micro-credential courses which are recognised by employers and Government so as to develop platform for skilling that can help the PSE fraternity, citizens, society on the whole.



Senior officials from PSEs and ILO India team during the meeting.



Interface with Stakeholders



Shri Atul Sobti, DG, SCOPE met Shri Y. K. Sinha, Chief Information Commissioner, Central Information Commission and apprised him about SCOPE's various endeavors and activities.



Shri Atul Sobti, DG, SCOPE invited as Guest of Honour, addressing the participants at the Institute of Cost Accountants of India's Global Summit. SCOPE was strategic partner of the Summit themed 'Unlocking Sustainability: G20 Presidency Paves The Way for An ESG-Driven New World Order' held on 14th July-15th July, 2023.

SCOPE in Media



19.07.2023 Pg no : 18

SCOPE Workshop on Woman Leadership



Standing Conference of Public Enterprises organised a workshop on 'Leadership Development for Women Executives'. The inaugural session was graced by Arti Ahuja, Secretary, Ministry of Labour & Employment; Soma Mondal, Member, PESB and Dr Vasundhara, DG, SCOPE.



06.07.2023 Pg no : 26

MoU—SCOPE

MoU was signed between Standing Conference of Public Enterprises (SCOPE) & the Institute of Cost Accountants of India for a Knowledge partnership facilitating capacity enhancement programs, research & studies, sector-specific skilling initiatives, etc. The MoU was signed by Atul Sobti, Director General, SCOPE, & CMA Vijender Sharma, President, The Institute of Cost Accountants of India in the presence of Members of SCOPE Committee on Financial Management, senior officials of the Institute and SCOPE.



2.08.2023 Pg no : 16

SCOPE Workshop on Women Leadership Development

Standing Conference of Public Enterprises (SCOPE) organized a Workshop on Leadership Development for Women Executives. The inaugural session was graced by Ms. Arti Ahuja, Secretary, Ministry of Labour & Employment; Ms. Soma Mondal, Member, PESB; Dr. Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Mr. Satoshi Sasaki, Officer-In-Charge, ILO, India; Mr. Atul Sobti, Director General, SCOPE; Mr. R.K. Tyagi, Director (Operations), POWERGRID and Mr. Ashok Bhat, Program Director. Deliberating on ways women can propel their careers, by transcending with the times and performing multifarious roles, the inaugural session was attended by over 250 participants including senior women employees of PSEs, from across the country.



19.07.2023 Pg no : 16



SCOPE organized a workshop on Leadership Development for Women Executives that was graced by Arti Ahuja, Secretary, MOLA & Soma Mondal, Member, PESB; Dr Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Satoshi Sasaki, Officer-In-Charge, ILO, India; Atul Sobti, DG, SCOPE; R.K. Tyagi, Director (Operations), POWERGRID and Ashok Bhat, Program Director.



1.07.2023 Pg no : 22



An MoU was signed between SCOPE and the ICAI for a knowledge partnership facilitating capacity enhancement programs, research & studies, sector-specific skilling initiatives, etc. The MoU was signed by Atul Sobti, DG, SCOPE, and CMA Vijender Sharma, President, ICAI.



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SCOPE workshop on woman leadership development

Standing Conference of Public Enterprises (SCOPE) organized a Workshop on Leadership Development for Women Executives. The inaugural session was graced by Arti Ahuja, Secretary, Ministry of Labour & Employment; Soma Mondal, Member, PESB; Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Satoshi Sasaki, Officer-In-Charge, ILO, India; Atul Sobti, Director General, SCOPE; R.K. Tyagi, Director (Operations), POWERGRID and Ashok Bhat, Program Director. Deliberating on ways women can propel their careers, by transcending with the times and performing multifarious roles, the inaugural session was attended by over 250 participants including senior women employees of PSEs, from across the country.



Published in Delhi, Kolkata, Siliguri and Bhuvneshwar Editions 2.07.2023 Pg no : 8

SCOPE, ICAI sign MoU for knowledge partnership

A Memorandum of Understanding (MoU) was signed between Standing Conference of Public Enterprises (SCOPE) and the Institute of Cost Accountants of India (ICAI) for a Knowledge partnership facilitating capacity enhancement programs, research & studies, sector-specific skilling initiatives, etc. The MoU was signed by Shri Atul Sobti, Director General, SCOPE, and CMA Vijender Sharma, President, The Institute of Cost Accountants of India in the presence of Members of SCOPE Committee on Financial Management, senior officials of the Institute and SCOPE.



28.06.2023 Pg no : 12



The MoU was signed by Atul Sobti, Director General, SCOPE, and CMA Vijender Sharma, President of the Institute of Cost Accountants of India. Members of SCOPE Committee on Financial Management, senior officials of the Institute and SCOPE, were present on the occasion. The MoU has been signed for facilitating capacity enhancement programs, research & studies, sector-specific skilling initiatives, etc.



13.07.2023 Pg no : 7

SCOPE organizes workshop on woman leadership development

New Delhi (13.07.2023): Standing Conference of Public Enterprises (SCOPE) organized a workshop on Leadership Development for Women Executives. The inaugural session was graced by Arti Ahuja, Secretary, Ministry of Labour & Employment; Soma Mondal, Member, PESB; Dr Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Satoshi Sasaki, Officer-In-Charge, ILO, India; Atul Sobti, Director General, SCOPE; R.K. Tyagi, Director (Operations), POWERGRID and Ashok Bhat, Program Director. Deliberating on ways women can propel their careers, by transcending with the times and performing multifarious roles, the inaugural session was attended by over 250 participants including senior women employees of PSEs, from across the country.



7.07.2023 Pg no : 6

MoU—SCOPE

MoU was signed between Standing Conference of Public Enterprises (SCOPE) & the Institute of Cost Accountants of India for a Knowledge partnership facilitating capacity enhancement programs, research & studies, sector-specific skilling initiatives, etc. The MoU was signed by Atul Sobti, Director General, SCOPE, & CMA Vijender Sharma, President, The Institute of Cost Accountants of India in the presence of Members of SCOPE Committee on Financial Management, senior officials of the Institute and SCOPE.



18.07.2023 Pg no : 20

SCOPE workshop on women leadership development

Standing Conference of Public Enterprises (SCOPE) recently organised a workshop on 'Leadership Development for Women Executives'. The inaugural session was graced by Arti Ahuja, Secretary, Ministry of Labour & Employment among others.



4.07.2023 Pg no : 10

SCOPE in pact with ICAI

Standing Conference of Public Enterprises (SCOPE) has signed an MoU with Institute of Cost Accountants of India (ICAI) for knowledge partnership facilitating capacity enhancement programmes, research & studies and sector-specific skilling initiatives.



11.07.2023 Pg no : 8

स्कोप और इंस्टीट्यूट ऑफ कॉस्ट अकाउंटेंट्स ऑफ इंडिया ने किया समझौता

नई दिल्ली। अमरा उजाला के अनुसार, अखबार, से-विजिट करणल पारल और को सुविधा के लिए इन व्यक्तियों के लिए स्कोप और इंस्टीट्यूट ऑफ कॉस्ट अकाउंटेंट्स ऑफ इंडिया के बीच एक समझौता जमान पर हस्ताक्षर किया गया है। स्कोप के महादेशिक अखबार से और इंस्टीट्यूट ऑफ कॉस्ट अकाउंटेंट्स ऑफ इंडिया के अखबार से स्कोप और इंस्टीट्यूट ऑफ कॉस्ट अकाउंटेंट्स ऑफ इंडिया के बीच समझौता किया गया है।



13.07.2023 Pg no : 7

SCOPE organizes a workshop on Woman Leadership Development

The Ministry of Labour & Employment's Secretary exhorts women to Dream more, Do more and Become More. The MoU was signed by Atul Sobti, Director General, SCOPE, and CMA Vijender Sharma, President of the Institute of Cost Accountants of India. Members of SCOPE Committee on Financial Management, senior officials of the Institute and SCOPE, were present on the occasion. The MoU has been signed for facilitating capacity enhancement programs, research & studies, sector-specific skilling initiatives, etc.



14.07.2023 Pg no : 22

SCOPE Workshop on Woman Leadership Development

Standing Conference of Public Enterprises (SCOPE) organized a Workshop on Leadership Development for Women Executives. The inaugural session was graced by Ms. Arti Ahuja, Secretary, Ministry of Labour & Employment; Ms. Soma Mondal, Member, PESB; Dr. Vasundhara Upmanyu, Joint Secretary, DPE, Ministry of Finance; Mr. Satoshi Sasaki, Officer-In-Charge, ILO, India; Mr. Atul Sobti, Director General, SCOPE; Mr. R.K. Tyagi, Director (Operations), POWERGRID and Mr. Ashok Bhat, Program Director. Deliberating on ways women can propel their careers, by transcending with the times and performing multifarious roles, the inaugural session was attended by over 250 participants including senior women employees of PSEs, from across the country.



27.05.2023 Pg no : 22

SCOPE hosts program on Climate Action Initiatives

Pursuant to its endeavours of mitigating Climate Crisis, Standing Conference of Public Enterprises (SCOPE) in collaboration with GIZ, Germany organised a program on 'Climate Action initiatives by Public Sector Enterprises (PSEs) in India', showcasing role of PSEs in reducing carbon footprint, despite operating in hard to abate sectors. Dr Philipp Ackermann, German Ambassador to India; Gurdeep Singh, CMD, NTPC; Sandeep Kumar Gupta, Chairman, SCOPE and CMD, GAIL; Atul Sobti, DG, SCOPE addressed the event in presence of senior officials from DPE, GIZ, and various PSEs.



Comments/Feedback received for Workshop on Women Leadership Development on 13th July - 14th July, 2023

Recording of the Inaugural session of SCOPE's program on Women Leadership Development is available on our Website : www.scopeonline.in

Overall program was very good. It helped to find out the issues/ gaps which prevent us to be leader. My main take away are remove the gap between knowing and doing, be businessman not just professional, build network, keep learning, go extra miles and work on EQ.

Great & noble initiative by SCOPE towards uplifting woman leaders for heading critical departments. All the sessions were power-packed and motivating. This workshop will definitely enable me to achieve my goals in my professional as well as personal life. I will also share the learnings with my colleagues so that they are equally benefitted in the organisation.

The training session was an eye opener for me as I realised was mistakes I am doing in my professional and personal life. I am now clear about the areas in which I need to work upon to be successful in future. Thanks a lot for the wonderful training program.

The Workshop was very insightful and would help a long way in achieving personal and professional goals.

Could identify the leadership qualities required in the career growth.

Very informative sessions. Learnt self weak points. How to overcome it and better present oneself. How to be better in work place. In nutshell very beneficial workshop. Must for all to attend once including male executives.

Could identify the leadership qualities required in the career growth.

We, the women have the capability to lead but the lessons learnt in the workshop will help us to develop our skill e.g. how to balance both personal & professional

Despite all challenges of life, aspiration and consistency are the key to success.

It was a good enriching experience.

carrier, building networks, time management, focusing etc. Overall the workshop was very interesting & useful.

Increased confidence

Very impressive speech with great examples

Well said ma'am, trust is very important

Inspiring speech, madam.

Well said ma'am practical tips to be a great leader.... Hard working and motivating.....

Excellent speech..... very encouraging to all women

Very strong and motivating speech

Wonderful message!

Excellent and very motivational speech by each and everyone who spoke today.

Very true ma'am..... leader is a leader... man or woman

Great speech ma'am!

Very well said ma'am.

Nice quote ma'am

It was an honour listening to you ma'am.

Given a very good insight about the topics covered in the said program. In this workshop learned about traits in a person who distinguished between a leader and a manager. Comes to know the area where I'm lacking and where I need improvement in my own personality. Like to suggest that specific training programs on different aspects of Leadership like negotiation, Networking may also be organized.

Hearing from the women achievers was a great learning experience. Exercises conducted by faculty was very effective in teaching nuances of leadership skills

Superb course and dedicated faculty.

The workshop provided valuable tools for the leadership development of women executives

Positive self-reflection

Key insights from eminent leaders provided lot of inspiration, confidence and courage to move ahead professionally as well as personally. Understanding one's potential through the exercises.

Motivational speech toooooo good

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



Sushim Banerjee

CEO, Indian Iron and Steel Sector Skill Council

Global Outlook

The synchronous policy tightening aimed at containing very high inflation, worsening financial conditions and disruptions arising out of Russia-Ukraine war (rising threat of geo-economic fragmentation with more trade tensions resulting in a slower pace of technology adoption across fragmented blocks) and a slower investment growth in emerging economies have an adverse impact on the Global GDP growth in FY23. Latest estimates indicate that global economic pace speeded up in first quarter of 2023 and is likely to strengthen in the second quarter as well. The trend of growth, however, was uneven. A number of countries, both in the developed and emerging categories and especially in the low-income group, are facing elevated debt, limited export opportunities. The silver lining is provided by the declining trend in commodity prices and lowering of supply chain pressures. This has the potential of easing on monetary policy stances.

Reopening of Chinese economy and rapid rebounding of the economy, visible in earlier period may not be sustained in the longer time perspective. However, in FY24 the trend in Chinese economy is a bit uncertain. Rising protectionism in industrial and trade

policies and slow pace of finance and technology flows had an adverse impact on FDI leading to a drop in projected global trade volume (by World Bank to 1.7 percent in 2023 from a robust 6.0 percent clocked in 2022).

There is a definite trend of softening of inflationary trend, partially due to synchronised tightening of monetary policy by most central banks and partially due to supply side improvement. The stimulus linked infra expenditure and boosting of industrial production may lead to growing demand for steel. These positive developments have been factored in latest GDP projection by IMF which has indicated the Global growth at 2.8 percent in 2023 (drop from 3.4 percent in 2022) and rebound to 3.0 percent in 2024 as well as by OECD and the World Bank in their latest forecasts. The Global GDP forecasts for 2023 may be summarised as under:

Table-1 : Global GDP forecast for 2023 by IMF, OECD and World Bank (% Growth Y-O-Y)

Country	IMF	World Bank	OECD
World	2.8	2.7	2.7
USA	1.6	1.1	1.6
China	5.2	5.6	5.4

India	5.9	6.3	6.6
Germany	(-) 0.1	---	---
Japan	1.3	0.8	1.3
S.Korea	1.5	---	---
Brazil	0.9	1.2	1.7
Russia	0.7	(-) 0.2	(-) 1.5
Iran	2.0	---	---
Türkiye	2.7	11.4	

Source: IMF, World Economic Outlook & OECD

For 2023, it is seen that India would be the fastest growing economy in the world after growing at percent in FY23 and similar growth rates have been projected by IMF for 2024 also.

Chinese opening up of the economy implies that investment component in GDP would slide in China with a corresponding rise in Consumption, while showing drop in Net Exports. It is assumed that USA and EU along with Japan would have a subdued GDP growth with major contributions to Global GDP would come from India, Iran, Brazil, Türkiye, Saudi Arabia and Vietnam.

The downward risks to Growth can be grouped under:

- Persistent high inflation rate necessitating a tight Monetary policy.
- Escalation of Russia-Ukraine war.

c) Rising trade protective measures arising out of trade fragmentation.

d) Labour force participation vis-à-vis digitalisation and Industry 4.0.

The upside risks to growth can be summed up as:

a) Quick subsiding of Inflation with improvement in supply side scenario.

b) Pent up consumer demand in China.

c) Volatility in commodity prices including Brent Crude Oil prices.

d) Green Energy initiatives.

e) Geopolitical uncertainty.

Global Steel Production

The country wise production of Crude steel is indicated in Table-2.

Table-2: Country wise Crude Steel Production in 2022 (MT)

Country	CS Production in 2022	CS Production in 2021	Y-O-Y % Growth
World	1878.5	1960.4	(-) 4.2
China	1013	1034.7	(-) 2.1
India	125	118.2	5.5
Japan	89.2	96.3	(-) 7.4
USA	80.7	85.8	(-) 5.9
Russia	71.5	77.0	(-) 7.2
South Korea	65.9	70.4	(-) 6.5
Germany	36.8	40.2	(-) 8.4
Türkiye	35.1	40.4	(-) 12.9
Brazil	34.0	36.1	(-) 5.8
Iran	30.6	28.3	8.0
Vietnam	20.0	23.0	(-) 13.1

Source: WSA

India has been the fastest growing steel producer in 2022 although Iran is also coming up as a major steel producer in Middle East region. China produced around 82 MT of less steel due primarily to constraints in the property market that has adversely affected the property transactions, the impact of the pandemic and steps associated with pollution control measures leading to cutting down of production of steel and Coal mines. In H2 of 2022, China has taken a series of measures by reducing the term lending rate to relieve the developers saddled

with massive number of unsold flats as the home buyers have boycotted the mortgage in the banks with declining trend in housing prices. China extended existing developers' loans to ensure delivery of current projects. In the current year, stimulus infra expenditures and a gradual recovery in Industrial production are likely to push up steel demand in China and other advanced countries. It is likely that Global Crude steel production would have a positive growth exceeding 1 percent in 2023 and nearly in the same proportion in 2024.

The region wise steel production is captured in Table-3 below.

Table-3: Region wise Crude Steel production in 2022 (MT)

Region	Steel production in 2022	% Growth over 2021
Africa	14.9	(-) 6.6
Asia & Oceania	1351.3	(-) 2.3
EU (27)	136.7	(-) 10.5
Europe, others	44.7	(-)12.2
Middle East	44.0	7.1
North America	111.4	(-) 5.5
Russia, other CIS plus Ukraine	85.2	(-)20.2
South America	43.3	(-) 3.0
World	1831.3	(-) 4.3

It is seen that Asia & Oceania region has a share of around 74 percent in Global steel production, while the share of total Europe and North America is only 16 percent. China occupies 75 percent of Asian share. This shift in steel production from advanced economies to Asian economies has taken place in the last 2 decades. In the coming years this trend is likely to accelerate further.

Global Steel Perspective

It is noted that GDP estimates for EU for 2023 has been brought down as the major economic parameters for all the major economies in EU, namely, Germany, Italy, Spain and France are slated to marginally slide down in 2023.

While Global Steel production in 2022 has decelerated by 4.3 percent, in EU the steel production has gone down by 10.5 percent to 136.7 MT. High Energy prices, rising inflationary trend and Russia-Ukraine war had an adverse impact on industrial growth in EU last year. The rate of inflation has been projected to drop by 5.5 percent in 2023. As per projections made by EUROFER, the crude steel production may marginally come down in 2023, however, in 2024 it would rise by 1.8 percent.

USA introduced Infrastructure bill of \$1.2 trillion in 2022 to combat climate change among other priorities. Steel-intensive funding in the legislation includes \$110 bn for Roads, Bridges and major projects, \$66 bn for passenger and freight rail, \$39 bn for public transit and \$7.5 bn for Electric Vehicles. As per estimates of AISI, every \$100 bn of new investment in Infra could enhance domestic steel demand by 4.54 MT.

US had made an offer to Japan aimed at resolving disputes over tariffs imposed on Japanese steel and aluminium under Section 232 of US Trade Act. The US is proposing that a certain amount of steel and aluminium from Japan, based on the historical averages shipped, would be allowed to enter the US free of duties. However, the Japanese government is calling for the tariffs to be abolished completely.

Reference may be made with respect to protectionist provisions in the form of local content rule (domestic sourcing) and final assembly requirements embedded in the Inflation Reduction Act (IRA) introduced by USA in order to cut down the US emission by

50-52 percent by 2030. USA has proposed import tariff on carbon embedded in imports. However the same has generated heat in US trading partners with an implicit threat to global norm of trade of equal treatment to domestic and foreign suppliers.

European Commission has released a quota of around 6.5MT of steel in the first Quarter of 2023 which includes volume transferred from unused quota in the previous quarter. Out of this, India has utilised 97% (68.4 th. tonnes) of the Quota on plates, but in respect of HRC, India could utilise 30% (1.87 lakh tonnes) of the Quota from EU (Korea topping the list of 82% fulfilment of the Quota). For CRC, India could fulfil 23% (88.8 th. tonnes) of the Quota released. The primary reason was sluggish demand and a downward trend in EU market leading to poor export realisation. UK has a 11% share of EU imports, followed by Russia (9%), South Korea (8%), Türkiye (7%), India (6%), Ukraine (6%), China (4%).

On the other hand, EU has promulgated the Net-Zero Industry Act (NZIA) to provide domestic subsidies to cover Clean Energy Projects. Further, EU has pledged \$1.3 bn innovation fund for 7 large scale industrial Decarbonisation projects (wind turbine, Solar photovoltaic panels, batteries, Electrolysers) to support breakthrough technologies in energy-intensive industries, Hydrogen, carbon capture, use and storage and renewables. EU finalised the CBAM (Carbon Border Adjustment Measures) in December'22 to extend EU Carbon prices to imported

carbon-intensive products including steel. It would imply tariff imposition on imports from countries having no domestic carbon price.

All these measures are likely to unleash a wide array of retaliatory measures by the affected countries to impose restrictions on export of raw materials including valuable minerals and may severely limit the contours of the global trade. Lot depends on how G-7 and G-20 conglomerates to devise strategies and policy measures to minimise the damage, introduce transparency and fair play with specific considerations for the low income and emerging economies.

Global steel demand: 2020-2024

The Global steel demand that dropped to 1790.4 MT in 2020 went up by 2.8 percent to 1840.8 MT in 2021 and came down by 3.2 percent to 1781.5 MT in 2022. The World Steel Association has projected the global steel demand to grow by 2.3 percent to 1822.3 MT in 2023 and then to 1854.0 MT in 2024 exhibiting an annual growth of 1.7 percent. The forecast shows clearly that steel demand in the global market would experience a subdued journey mode, pressed down by near stagnant demand in USA/EU and Japan. The opening up of Chinese economy is likely to yield a positive scenario for commodity demand and prices.

The Global Manufacturing PMI, an indicator of business sentiments prepared by Markit Economics, shows a continuous improvement in volume of new orders as well as output prices.

The following table summarises the movement of Global Manufacturing PMI in the last 3 months.

Table-4: Global Manufacturing PMI during March-May'23

Country	March 2023	April 2023	May 2023
India	56.4	57.2	58.7
China	50.0	49.5	50.9
Japan	50.0	50.6	49.8
USA	49.2	48.4	46.3
Eurozone	49.2	44.8	43.6
Brazil	47.3	44.3	47.1
Russia	47.0	52.6	53.5
South Korea	53.2	48.1	48.4
Germany	44.7	43.2	41.0
Türkiye	50.9	51.5	51.5
Italy	51.1	46.8	45.9
World	46.3	49.6	49.6

Source: Markit Economics

India's Purchasing Manufacturers' Index (PMI) for the last few months are well above the contraction benchmark (50.0) and remains at the top of all other major steel producing countries. The downward trend is observed with respect to USA, Euro Zone, Brazil, South Korea, Italy and Germany. For Germany the rising energy prices have a heavy cost on manufacturing sector in the country.

Steel demand was down in Q1 of FY22 due to severe impact of the pandemic leading to output loss of almost all the sectors. However, the events in the subsequent months reflected a strong recovery resulting in a good growth in 2021 to be followed in 2022 also. Vietnam suffered due to the fast spread infection and growth rate in ASEAN region remained subdued due to delays in infra projects and the surging infection, albeit at a moderate rate.

Government stimulus and strong construction activities supported a recovery in Brazil's steel

consumption at a moderate rate. Expanding consumer loans, infra investment led to reasonably good growth in steel demand in

Table-5: Global projection of Steel demand : 2021 to 2024 (MT):

Country	2021 (Actual)	2022	2023	2024	y-o-y growth% 2023/2022
China	953.9	920.9	939.3	939.3	2.0
India	106.2	114.9	123.3	130.9	7.3
USA	97.0	94.5	95.8	98.2	1.3
Japan	57.4	55.0	57.2	57.9	4.0
South Korea	56.0	51.2	52.7	53.8	2.9
Russia	43.9	41.7	39.6	36.9	(-) 5.0
Germany	35.5	31.6	30.9	34.0	(-) 2.2
Türkiye	33.4	32.5	35.4	37.6	9.0
Vietnam	22.1	22.2	22.4	22.8	0.8
World	1840.8	1781.5	1822.3	1854.0	2.3
World excl. China	886.9	860.6	883.0	914.7	2.6
Developed economies	400.4	375.5	380.3	392.6	1.3
Emerging & developing economies excl. China	486.5	485.0	502.8	522.2	3.6

Source: WSA

Türkiye. The construction sector faced an uneven recovery across the countries, fluctuating on the basis of the pace of vaccination. The infra sector highly influenced by the ability of the governments to finance the investment in the sector as funds diverted to face the challenges of the pandemic was a major constraint. The residential sector benefited from accumulated saving as scope of consumption by the households were limited during the pandemic with Work from Home practices led to rise in demand for home. The auto sector suffered due to shortage of semiconductor chips and disruption in supply chain. The emergence of EVs was gradual and may gain strength in next year.

The global steel demand projected by WSA-country wise is appended below.

It is seen that rate of growth steel consumption in the developed economies in 2022 has dropped down from the previous year's level as USA, Japan, South Korea, France, Italy have consumed lesser volume of steel due to slower economic growth, sanctions against Russia, rising prices affecting the consumer expenditure with no major investment coming up.

China had also experienced a lower steel consumption in 2022 due to unexpected lockdowns that extended across the country. The real estate indicators were negative with floor space of newly started projects dropped significantly. In next year the growth in real estate would be moderate. The infrastructure projects picked up due to Government support and this had sustained the steel consumption above 900 MT. In the current year it is expected that the emerging economies would fare better due to opening up of Chinese economy and thrust on infra investment by India which would have a significant positive impact on steel consumption.

The rising share of investment in GDP due to a strong push by the Government would keep steel demand grow in India. The manufacturing sector and especially the Capital Goods sector would benefit from the infra push and investment in renewable energy. It is also expected that private consumption growth in India would be rising which in turn would generate demand for Consumer Goods including passenger cars.

There is a positive global growth expected for 2023 except for Russia, Ukraine and EU. It has been assessed that Automotive and Machinery segments would show a positive momentum as compared to Construction

segment. The outlook for 2024 suggests a fairly good recovery across regions except Russia facing the challenges of economic sanctions by EU and USA. Chinese economy is slated to pursue a new development process that boosts consumption expenditure to contribute to economic growth and gradually shifting

away from investment led economy. However, inflation and Geopolitics and lagged impact of monetary tightening continue to remain the key risks to steel demand.

The production growth observed by major steel producing countries in the first 5 months of 2023 is shown in Table- 6 below.

Table-6: Global Crude Steel production in January - May'23 (MT)

Country	Jan - May' 23	% Growth in Jan - May' 23/ 22
China	444.6	1.6
India	56.4	5.7
Japan	36,5	(-) 5.3
USA	33.1	(-) 3.4
Russia	32.1	1.9
South Korea	28.1	(-) 0.4
Germany	15.6	(-) 4.7
Türkiye	13.0	(-)19.1
Brazil	13.4	(-) 8.1
Iran	13.0	2.2
World	297.8	(-) 0.8

Source: WSA

It is observed that China is having a positive growth in steel production in the first five months of the current fiscal. All other steel producers other than India, Iran and Russia having negative growth in steel production.

In 2022, China has exported total steel of 68.4 MT (Finished and Semis) and imported 16.97 MT of steel items. The level of exports in 2022 exceeds the last year's exports by 2.4%, while the import volume in 2022 were substantially lower by (-) 39.6 percent. Due to various internal constraints on production and poor steel consumption in the country accentuated by turmoil in the Property market as well as by the late recurrence of the pandemic, the

exports from China got affected. However, with China reopening in 2023 with rebounding of economic activities, it can have an export growth regime in the near future.

China has imported Iron Ore of 1107 MT during 2022 which is lower by 1.5 percent compared to the previous year. Its regular imports of Iron Ore stabilised the prices of the product in 2022.

*To be Continued.....
Part 2 in the Upcoming Issue.*

**Read the concluding part of this article, 'Steel and Economy- A Look Back and Way Forward' in the upcoming issue of KALEIDOSCOPE Magazine.*

Nine Jewels added to Indian Economy's Crown



Prof. Lallan Prasad*

The Indian economy is the fastest growing economy of the world. A 2 trillion dollar economy in 2014 with 10th rank, is now a 3.75 trillion dollar economy with 5th rank among world economies, expected to reach the level of 27-28 trillion dollar mark by 2040. GDP growth averaged 6%-7% during this period with a high of 8.7% in 2022 and a low of -6.6% in COVID-19 period 2021. The country is not only self-sufficient in food production, but also an exporter. During COVID-19 it helped several countries in the world with much needed food supply. It had a record food production of 315.7 million tons in 2021-22. It is the only country in the world where more than 80 crore people are getting free ration, 10.45 crore marginal farmers are getting Kisan Samman Nidhi. The United Nations declared 2023 an International year of Millet. India produces 20% of the world and 80% of Asia's millet. According to the World Economic Forum India is the world's largest milk, pulses and jute producer, second largest rice, wheat, sugarcane, groundnut, cotton, fruits and vegetable producer. India ranks fifth on manufacturing output and second in the manufacturing index of the world. It is also the second most preferred manufacturing destination after

replacing the USA as reported by Cushman & Wakefield. The foreign exchange reserve of the country reached the 600 billion dollar mark for the first time, India is now in the league of first four nations with highest reserve. India is among leading producers of automobile, metals, cement, textiles, IT, Telecommunications, mobiles, gems and jewellery, renewable energy etc. Services sector's contribution to GDP is around 54%. Financial services in India, well regulated by RBI and fully electronic, are considered one of the best managed services of the world. Transport and communication services have developed much faster during last decade than any time in past. There were only 74 airports in 2014, today there are 148, more than 4.30 lakh people travel every day by air which include people wearing hawai chappals. The country had 97830 km of national highways in 2014, now it has 145155 km. Indian railways, the fourth largest in the world, is in the process of modernisation. Fast moving 400 Bande Bharat trains will be running on track in the next few years. Over 700 million people are internet users in the country. India has emerged as the start-up capital of the world witnessing 300 times growth since 2014. There are around 90000 startups

of which more than 100 have become unicorns.

Public Enterprises, which have lost their glory in most economies of the world, are still in a dominant position in some strategic areas of the economy in India, making them valuable to the Indian economy. They have made substantial contribution to building infrastructure for industrialisation and developing technical and managerial manpower. The share of gross turnover of CPSEs to the GDP of India is around 15%. In FY22 CPSEs gave a dividend of Rs 6600 crores to the Central Government. Maharatna's and Navratna's contribution to the economy has been appreciable. Public Enterprises have an important role in defense production. Recently approval has been granted for a memorandum of understanding to be signed between General Electric of America and Hindustan Aeronautics of India for manufacture of the F414 jet engine in India. Shares of PEs listed on Stock Exchanges are much lower than their real value, but the dividend they pay to shareholders is relatively higher than similar Private Enterprises.

COVID-19 took millions of lives world over, depressed economies, endangered food security, caused inflation and unemployment.

* President, Kautilya Foundation & Head & Dean, Deptt. of Business Economics, Delhi University

India too was adversely affected but it managed not only to come out sooner than most countries in the world but also provided much needed COVID vaccine and food to several countries.

The Government launched several schemes during last nine years for development of all sectors of the economy to benefit people at large as well as different segments of society. Make in India, the flagship scheme, aims at fostering innovation, boosting industrial production, investment, skill development, protection of intellectual property rights, and building best in class manufacturing infrastructure for manufacturing. The focus in the program has been on developing fast 25 sectors which include automobile, auto-components, aviation biotechnology, chemical construction, defense manufacturing, electrical machinery, electronics system, food processing, leather, media and entertainment, mining, oil and gas, pharmaceutical, ports and shipping, railways, renewable energy, space, textile and garments, thermal power, tourism and hospitality and wellness. Jan Dhan scheme was introduced for financial inclusion of the poor who were deprived of banking services for longtime. More than 49 crore bank accounts have been opened under the scheme so far, providing access to affordable financial services such as opening accounts with zero balance, remittance credit, insurance and pension etc. Mudra Yojna provides financial help to micro, small and medium industries/entrepreneurs. The scheme is categorized into 'Shishu' eligible for loan up to Rs. 50000 'Kishore' up to Rs. 500000 and 'Tarun' up to Rs. 1000000. National Infra Pipelines scheme is for developing all

modes of transport, electricity, water irrigation etc. It is a road map for investment of Rs. 100 lakh crore in five years beginning from 2020 to 2025 to create world class infrastructure to meet the target of a 5 trillion dollar economy by 2025. Swachh Bharat is the most significant cleanliness campaign launched in 2014. Over 11 crore toilets and 2.23 lakh community sanitary complexes have been built across the country. Ujjwala yojna provides free LPG connection and subsidized gas to poor household women. Rs. 80 billion had been allocated for the scheme. Ayushman Bharat is a national public health insurance scheme launched in 2018 to provide free access to health insurance to 10 crore BPL families with Rs 5 lakh per family per year coverage. Garib Kalyan Anna Yojna is a food security welfare scheme for poor started during COVID-19, is still continuing. The beneficiaries are over 80 crore people making it the biggest free ration scheme in the world. The Schemes for farmers include Kisan Samman Nidhi, Kisan Vikas Patra, Soil Health Card, Gram Sinchai Yojana and Fasal Bima Yojna. Sukanya Nidhi, Beti Padhao, Beti Bachao for girls, Skill mission, Udan and Deen Dayal Upadhyaya Kaushal scheme are for training of youth. Social security and welfare schemes include Atal Pension Yojana, Jivan Jyoti Bima Yojana, Suraksha Bima Yojana, Awas Yojna. Smart city and Hriday (National Heritage City Development and Augmentation Yojana) are for developing cities and improving quality of life. Swadesh Darshan and PRASAD (Pilgrimage, Rejuvenation and Spiritual Augmentation) aim at promoting tourism.

The Digital India Mission is bringing all government services electronically available to the public. Gati Shakti aims at providing multi-model connectivity which will ensure logical efficiency in business operations by enabling faster movement of goods and services, reducing cost and enlarging access to markets. Production Linked Incentive scheme (PLI) covering 14 key sectors of manufacturing has been introduced to give boost to make in India initiative.

Goods and Services Tax has replaced numerous indirect taxes and duties-central excise duty, sales tax, services tax, custom duties, state value added taxes, entertainment tax, octroi, purchase tax, luxury tax etc. making one nation one tax dream a reality. It has resulted in lowering transport cost, digitalisation of business operations, global competitiveness and substantial increase in the tax revenue of the center and the state governments which now constitute 6% of the GDP. The tax rates vary from lowest 5% to highest 28% for different commodities and services. A record revenue of Rs 1.87 lakh crore was generated through GST in April 2023. The scheme is implemented through digital technology with which small and medium entrepreneurs are not yet comfortable, and want the procedures to be simplified.

While most schemes discussed above are well planned and implemented resulting into speedy growth of economy and promoting welfare of people at large, some may be termed as Jewels on the basis of broadness of objectives, coverage, benefits especially to the poor, social security and welfare and long term growth perspective.

Management & Mahabharata



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Introduction

The Mahabharata is an ancient Indian epic that is not only a literary masterpiece but also a source of wisdom and knowledge. The epic is a treasure trove of stories and characters that provide valuable lessons on various aspects of life, including management. In fact, many of the management principles and practices that are used in the corporate world today can be traced back to the Mahabharata.

The Mahabharata presents a complex narrative of a war between two families, the Pandavas and the Kauravas. The story is not just about war and conflict but also about leadership, decision-making, strategy, ethics, and values. The characters in the epic, such as Bhishma, Drona, Karna, and Krishna, provide examples of different leadership styles and approaches to management.

The lessons from the Mahabharata are still relevant today and are being practiced in the corporate world. For instance, the importance of strategic planning, effective communication, teamwork, and ethical conduct are all principles that can be traced back to the Mahabharata. By studying the epic, we can gain insights into the challenges of management



and leadership and learn how to overcome them.

In this article, we will explore some of the key management lessons from the Mahabharata and examine how they are being practiced in the corporate world today. We will see how the epic provides us with timeless wisdom that can help us become better managers and leaders in our organizations

Management Lessons Mahabharata – Crisis Management

Epic- During twelve years of Vanavas, while roaming inside the jungle, Pandavas were tired and were thirsty. Hence they desperately required water. One by one Nakul, Sahadev, Arjun and

Bhim went to the water reservoir, did not bother to answer the questions of an invisible Yaksya (Dharmaraja) and died after drinking water. Though they were cautioned again and again by Yaksya, they were stubborn and were adamant to have water without responding to the questions. Arjun and Bhim were arrogant and did not even bother to listen to the Yaksya and rather threatened him to punish for restricting them to fetch water. Whereas, Yudhistir after discovering the death of his brothers had the patience to analyze the situation, thought of possible reasons of such unprecedented incident. He could listen to all the questions of Dharmaraj (Yaksya), answered them correctly with humility by

using his intellect and lastly got back the life of all his brothers.

Management lesson- Crisis management does not need aggression, rather need intellect and wisdom. In an emergency situation, patience pays. Arjun's arrogance of threatening the invisible Yaksya to dry up the water of the reservoir by his archery skills, costed him his life. Bhima's impatience of drinking water without listening the questions and arrogance of frigitening invisible Yaksya to punish him for killing his brothers also costed him his life. Whereas, Yudhistr not only demonstrated highest level of wisdom by analyzing the situation based on the danger signal but also patiently listen to the invisible Yaksya with humility without drinking water which he was about to do so. He also answered all the questions of invisible Yaksya with highest level of intellect & precision. Hence whether in personal or Professional life, Patience, Intellect and wisdom brings success. Arrogance and stubbornness brings disaster.

Management Lessons Mahabharata - Bitter truth HOD

Epic- Sanjay, as a messenger came back from Pandavas, and told Dritarastra that the truth not spoken on time is more harmful than a lie. He said that Yudhistr is ready for peace as well as war. However my request is to please return Indraprastha to Pandavas which can save the kingdom. Subsequently, Vidur the minister also said the same language. He said you have done big injustice to Pandavas. Being the king, it is your Dharma to protect the boundary of the kingdom,

whereas you divided Hastinapur and created Indraprastha. You took these unfortunate decisions just to ensure your son be the next king of this kingdom. You can go up to any extent just to protect the interest of your son. Neither I, nor Hastinapur or you yourself would ever be able to forgive you for such decisions. Incidents like Laksagriha, Draupadi bas-traharan and Vanvas of 13 years after the game of dice, will never forgive you. Hence pay attention to your country than your son. Do justice. Come back to righteous path.

Management lesson – The leader of an organization should have someone in his team who can call a spade as spade. He should have the guts to speak bitter truth, raise voice when something seriously wrong is about to happen because of an immature, one sided, biased decision. He should be assertive and warn the leader on the catastrophic consequences of his decisions despite knowing the question mark on his own existence in the organization. It is a disaster if the leader is surrounded by yes men who subscribe to all his decisions despite knowing its long term repercussions. These people in corporate world are called spineless creatures who survive on sycophancy and through lip service. Whereas functional heads like Vidur & colleagues like Sanjay, are the real well-wishers, who can save the organization from sure disaster. These vigilant functional heads act as an important break point to prevent disaster and catastrophe.

Management Lessons from Mahabharata – Dedication & Commitment

Epic- For Karna, his oath was

more sacred than his life. His wish was, when the end comes, people would be indebted to him. So when Indra came to him in disguise as a Brahmin and asked him to donate, he said " I am ready to fulfill all your needs". Tell me what you wish for. Indra said I need your shield and earrings. Karna said these are part of my body. You may take all my arms and ammunitions. Indra said, I do not want anything else, I have heard that you are a great philanthropist. Karna said I know why you want my shield and earrings. I am bound by my oath. I am proud to be the only man from whom Lord Indra himself is asking for something. Then Karna removed his shield and earrings with big difficulty while giving so much pain to his body and presented them to Indra.

Management lesson- For a professional, certain competencies are assets, which enables him to excel. These competencies bring him credibility and respect. These are discipline, perseverance, strive for excellence, integrity, establishing trust, commitment & dedication. Karna was known for his commitment and he also demonstrated this competency by donating his shield and earrings to Indra, which were part of his body. Similarly, a professional need to demonstrate utmost commitment to his profession to be trustworthy in the eyes of his stakeholders. Moreover, like Karna, a professional has to develop an attitude of promise made is promise kept. Karna had dedication to duty and responsibility which brought him so many laurels and history also remembers him as an example of commitment. Similarly, like Karna, a professional while being

dedicated, needs to be disciplined & strive for excellence.

Management Lessons Mahabharata - Authority, Responsibility and Accountability

Epic- When war between Kauravs and Pandavas was imminent, as a last ditch attempt, Krishna went to Dhritarashtra as a peace ambassador to have a truce. He told Dhritarashtra in the Rajasabha that, if there would be a war, this gathering of warriors would be dispensed. If they all were to die, history will hold you responsible for the tears shed after the war. You are knowledgeable and can create history. Future would never condemn Shakuni for his treachery since it happened during your tenure. History will not ask prince Duryodhan on why he insulted Draupadi, rather you have to answer for that also since he is your prince. History will never ask Dushasana on why he dared to strip off Draupadi. History will hold you responsible for this incident as well.

Management lesson- After delegating the authority, the leader remains accountable for the tasks which he has assigned to his team. The basic principle of delegation of authority is the principle of absoluteness of responsibility. Hence the good or bad actions of the functional heads would reflect on the reputation of their leader. For instance, even if the organization has the pride of having one of the most competent sales & marketing head and as a result of which the organization excelled, still the credit goes to the leader. Similarly, the failure of sales and marketing head reflects on the reputation of the

leader. Time has seen many successes and failures of business corporations, Governments, political organizations, international organizations & history has always remembered their leaders. Ratan Tata of TATA group and Jack Welch of GE are known for success stories which were possible because of their leadership as well as teams. However history gives credit to them. Similarly there are several instances of failures of the team, whereas the leaders were made accountable. The way Krishna gave the complete responsibility to Dritarastra for all the misdeeds of Duryodhan, Dushasana & Sakuni etc. a leader in an organization would also be responsible for the failure or misdeeds of his team members. The way history remembers Dritarastra, for his biasness and blindness towards his children and incompetency as a king, similarly the history would remember a leader for all the failures. What for you prefer to be remembered in your organization? Choice is yours.

Management Lessons from Mahabharata -

Talent acquisition for leadership position

Epic - When Kauravas decided to put Bhisma Pitamah as their chief of army, Pandavas deliberated in length on who is going to lead their army. Krishna asked Yudhistir who he proposed to be the chief of their army against Bhisma? Yudhistir proposed the name of Drupad of Panchal. He strongly recommended his name with a justification that he is sage Bhargava's disciple and is respected as well. He can stand against Dronacharya and Bhisma. Arjun said what

about Dhristadyumna? He is a representative of an earlier era. Though this is a war of this era, he is the best fit to lead us. Hence I think the only young warrior worth appointing will be the fire born Dhristadyumna. Bhim intervened and proposed the name of Shikhandi. Yudhistir told to Krishna, whether you fight or not, you are our elder, hence you must tell us who the best choice. Krishna said in my judgment, Arjun's suggestion is the best and Dhristadyumna is the best choice. After a long brainstorming session, Dhristadyumna was appointed as the chief of the army of Pandavas against Bhisma of Kauravs.

Management lesson- While choosing the best suitable candidate for the leadership position, judgment about the fitment matters. Person Job Fit (PJF) & Person Organisation Fit (POF) are important considerations. The selectors need to work painstakingly to clarify the essential competencies needed to succeed in the job. They need to keep an open mind about where the best candidate will come from. They need to go deep to understand which candidate is the best fit. They start by understanding the current and future requirements of the job like Pandavas did for their army chief. Next is to carry out zeroing on the critical competencies that will make or break the organisation. The result is not a laundry list of leadership traits any CEO should have, nor it is a single item. It's a strand of two or three capabilities that are tightly interwoven and required for the new leader to succeed. This is what makes the decision turn towards one candidate over another. The pedigree &

credibility of the candidates, the relevance of their competency in the current changed scenario are important aspects to consider. A 360 degree feedback from the market followed by a psychometric test can supplement to narrow down the right fit.

Management Lessons from Mahabharat – A leader builds the team

Epic – Just before the Mahabharat war, Shakuni advised Duryodhan to ask for Krishna's help whose Narayani sena was one of the most powerful armies in the earth. Coincidentally both Duryodhan and Arjun entered Krishna's bedroom one after the other when he was sleeping. Since Krishna saw Arjun first, he was given the first opportunity to ask for help. Krishna offered two options; "on the one end is his divine "Narayani Sena" and on the other end he alone who won't take up arms in the battle field". Arjun preferred Krishna and Duryodhan was delighted with Arjun's decision and was overjoyed to get Narayani sena. When Krishna asked Arjun on what basis did he preferred him over his army, Arjun said "in a war, charioteer is more important than the warrior. I want a charioteer whom I can trust & entrust him the responsibilities and would be free from worries". He said "you know all the directions and paths and would enable me to concentrate on the battle, hence I don't want Narayani sena rather I want the NARAYAN himself". After Duryodhan's return, Sakuni reprimanded him by saying "you are a fool to not have chosen Krishna, who is much more powerful than a complete army.

Management lesson – A team is as good as its captain & the speed of the boss is the speed of the team. A competent leader builds a team and excel. Arjun was fully convinced that, Krishna can give necessary leadership to Pandavas & hence he preferred Krishna over his army. An average leader having competent team may or may not deliver superior performance since the leadership drives the organization. Competent task forces without visionary leader lose sight of the path and may digress from the journey of success. Proficient leader supported by an equally proficient and competent team brings synergy. Hence while building an organization from the scratch, the leader needs to be hired first who would then build the team, and not vice versa. If the team is being hired first and his chemistry does not match with the team, it would lead to a conflicting situation and may be a stumbling block towards success. Whereas, leader gets ownership once he hires the team. Given a choice the leader from the competition should be ideally poached first than his team. This equally applies to all the functions including HR, Finance, and Marketing. Arjun's decision in choosing Krishna to support him was a matured & wise decision, since Krishna was competent to give vision, visualization & direction to the Pandavas in the decisive war.

Management Lessons from Mahabharata – Be a role model for your successors

Epic – Sanjay was the charioteer of Dhritarashtra and the first one who narrated the Bhagavad Gita other than Sri Krishna himself.

He gave a blow-by-blow account of the war to Dhritarashtra. After meeting Pandavas at Virat kingdom, he came back to Dhritarashtra to share the message of Yudhishthir. He was quite upset with the love of Dhritarashtra for his sons and feared that the princes who were brought up by him are about to fight and he would see their death soon. Hence, he told Dhritarashtra "the truth not spoken on time is more harmful than a lie". Your actions negate the truth. Your love for your son has wounded your soul. If you don't listen to me in this life, in your next birth history will criticize you. You cannot escape from the comments of your successors as well".

Management lesson – Each of us in our sphere of actions are not only answerable to the current stakeholders but also to the future stakeholders. The decisions which we take, the assumptions which we make and the consequences which we embrace, are having 360-degree assessments. This is keenly observed by not only our current reporting managers, peers & subordinates, but also by our future successors & stakeholders. Hence a professional who is at a people manager's role, would be remembered by the next generation for his good or bad deeds. Even this applies to leaders in all the professions including HR, Finance, Marketing, legal, politics, bureaucracy etc. Dhritarashtra as a king was remembered for the decline of his kingdom and Yudhishthir as a symbol of Dharma and hence, "Dharmaraj". Similarly, some of us would be remembered as the architect of the golden era of our organization and some of us for the reason of its debacle. Choice is ours.

Virtuous Corporate Governance: Upholding Universal Dharma for Sustainable Growth



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Corporate Governance is the application of best management practices, compliance of law in true letter and spirit and adherence to ethical standards for effective management and distribution of wealth and discharge of social responsibility for sustainable development of all stakeholders”

–Institute of Company Secretaries of India

Overview

Corporate Governance, a timeless principle, has evolved over centuries with deep-rooted origins in various languages and ancient philosophies. Its essence lies in steering organizations towards effective management, wealth distribution, and social responsibility, all while adhering to ethical standards. Corporate Governance, as the cornerstone of responsible business practices, plays a pivotal role in shaping the destiny of organizations and society as a whole. It transcends the realms of mere compliance and profit-making, extending its reach to embrace ethical values, stakeholder welfare, and sustainable development. In this pursuit of virtuous governance, organizations strive to uphold universal dharma, an inherent code of righteous conduct that governs their actions and decisions.

Corporate Governance can be succinctly referred to as the framework of rules, practices, and ethical principles that guide the way an organization is directed, controlled, and operates. It encompasses the relationships among various

stakeholders, such as shareholders, management, customers, suppliers, financiers, government, and the community. At its core, Corporate Governance aims to achieve a delicate balance between the interests of all stakeholders, fostering transparency, fairness, accountability, and responsibility.

Embracing Global Pre-eminence

In the modern global landscape, virtuous governance has become an indispensable requirement for successful and sustainable businesses. Throughout history, good governance has stood as an enduring source of inspired thinking and committed action, shaping the path to responsible decision-making.

Genesis of Governance

The term "Governance" finds its diverse roots in different languages, such as the Greek "kubernan" and Latin "gubernare," both meaning "to steer or rule." In Middle English, "govern" came to signify "to control, influence, or regulate." Ancient

Sanskrit literature, including Mahabharata, Ramayana, Chanakya's Arthashastra, and other NITIS & SMRITIS, also reveals the genesis of good governance. Kautaliya's Arthashastra emphasizes the philosophy of "Yogakshema" for people's welfare through "Shushashan" or Good Governance. This ideology places the ruler's happiness in the happiness of the subjects, seeking what benefits the people as a measure of good.

Pillars of Virtuous Corporate Governance

The strength of Virtuous Corporate Governance lies in several critical elements. It empowers organizations to achieve comprehensive growth, complements sound economic policies, and fosters equitable development. The foundational pillars encompass transparency, fairness, accountability, and responsibility. Over time, Corporate Governance has evolved from a shareholder-centric model to a stakeholder-focused one, advancing towards sustainability to tackle the challenge posed by Climate Change. This approach dedicates itself to

long-term stakeholder value, embracing ethical, social, environmental, cultural, and economic dimensions.

Mechanism for Success

Virtuous Corporate Governance serves as more than a mere compliance checklist. It is a strategic mechanism designed to achieve the organization's objectives while safeguarding the interests of stakeholders. This comprehensive structure combines controls, policies, and guidelines, aligning the organization with its strategic goals.

Balancing Letter and Spirit

To enhance confidence in both domestic and international markets, Virtuous Corporate Governance emphasizes strict adherence to both the letter and spirit of the law. Being a responsible corporate citizen, the focus is on sustainable growth while safeguarding stakeholders' interests. Mere compliance, without embracing the spirit of governance, falls short of the true essence of good governance. It is vital to instill governance within the corporate culture, promoting improving compliance "in spirit." Governance in Letter vs. Spirit

Strictly adhering to both the letter and spirit of the law is crucial for instilling confidence in domestic and international markets. While compliance ensures adherence, embracing the spirit of governance fosters a culture of transparency and accountability within organizations.

Corporate Governance vis-à-vis Climate Governance

Across the Globe, Investors

increasingly recognize the interdependence between social, environmental and economic issues. There are transformations in Corporate Governance due to Climate Change since corporations have a twin rapport to climate change. The activities of corporations, such as emissions of gases cause Climate Change. Also Climate Change poses a significant material financial risk to corporations, their shareholders, and other stakeholders. Corporations are expected to assess climate related risk as well as opportunities and ways to manage them. World Economic Forum (WEF) published guidance for corporate boards for establishing climate governance. The guidance cover eight principles viz. climate accountability on boards, command of subject, Board structure, material risk and opportunity assessment, strategic and organizational integration, incentivisation, reporting and disclosure. As per Section 166 of Companies Act titled 'Duties of Directors', a director of a company shall act in good faith in order to promote the objects of the company for the benefit of its members as a whole, and in the best interests of the company, its employees, the shareholders, the community and for the protection of environment. It is pertinent for corporations to assess the deepening financial connections between Climate Change and their business. They need to develop and implement action plan to mitigate climate risk and grab opportunities in the market.

A Journey of Continuous Evolution

In order to ensure corporate success and contribute

to economic growth, virtuous governance fosters a culture of transparency and values. Continuous refinement of governance practices is vital, considering national and international perspectives. Strengthening mechanisms for complaint redressal, evaluating board performance, ensuring employee satisfaction, and developing leadership programs are essential steps. By constantly focusing on transparency, fairness, and accountability, corporates can achieve high levels of Corporate Governance. Demonstrating strong ethical standards distinguishes organizations committed to good governance.

Path Ahead

Corporate Governance is a continuous journey towards excellence. Cultivating a culture of transparency, fairness, and accountability ensures corporate success and contributes to economic growth. Constant refinement and leadership evolution are essential for good governance to thrive in dynamic circumstances. Ethical standards and self-regulation will be the differentiators in building investor confidence and driving long-term growth. Dynamic circumstances demand that leadership evolves solutions continuously. Good governance practices must be effectively implemented and enforced, preferably through self-regulation and voluntary adoption of ethical codes of conduct. This fosters investor confidence, driving increased investment and long-term growth.

The article is an exploration of the author's perspective and not an official statement.

Potentials of Tea in Enhancing Health (Part I)*



Dr. H. K. Chopra*

Tea and its importance are known to each and everyone of us for last many decades. Any tea which is drunk in the world, no matter whether it is white, green, red, brown or black and no matter where it comes from, is made up of leaves of the same ever green tree or bush.

Composition of Tea:

Black and Green Tea – Flavonoid contents

Black and green teas both contain similar amount of flavonoids however they differ in their chemical structure. Green teas contain more of the simple flavonoids called catechins, while the oxidization that the leaves undergo to make black tea converts these simple flavonoids to the more complex varieties called theaflavins and thearubigins.

Flavonoids in green and black tea

Flavonoids	Green Tea (average 100g)	Black Tea (average 100g)
Catechins	14.2g	4.0g

Theaflavins	-	0.94
Flavonol glycosides	0.64	0.47
Flavone C glycosides	0.086	0.051

Caffeine content of Teas

Green	Caffeine Content	% of Total
Temple of Heaven Gunpowder	(4/2002)	1.7
Ha Giang	(4/2002)	2.6
Sencha Supreme	(4/2002)	2.6
Makaibari	(4/2002)	2.7
Organic Green FTGFOP	(4/2002)	2.7
Nature's Garden	(4/2002)	2.7
Koslande Estate Green OP	(4/2002)	3.1
Dragon Well, Lung Ching	(4/2002)	3.1
Bubbling Spring Rolled Green	(4/2002)	3.2
Gyokuro Asahi (Pearl Dew)	(4/2002)	3.2
Zhejiang Mao Feng	(4/2002)	3.2

Dragon Well, Lung Ching	(4/2002)	3.2
Emerald Tips	(4/2002)	3.6
Organic Dragon Well Lung Ching	(4/2002)	3.6
Organic Lu'An Melon Seed Green	(4/2002)	3.8
Organic Clouds of Green	(4/2002)	4.0

WHITE

Silver Needle Yinzhen	(4/2002)	3.1
Mutan White	(4/2002)	3.4
Drum Mountain White Cloud	(4/2002)	3.5
Mutan White	(4/2002)	3.6

JASMINE

Fanciest Jasmine Moli Huacha	(4/2002)	3.7
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OOLONG

Ti Kwan Yin (Iron Goddess)	(4/2000)	2.3
Jade Pouchong	(4/2000)	3.0

BLACK

Darjeeling TGFOF	(4/2000)	2.4
Keemun Qihong	(4/2000)	2.6
Kenilworth OP	(4/2000)	2.8
Assam TGFOF	(4/2000)	3.7
Assam TGFOF	(4/2002)	3.7

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SCENTED BLACK

Earl Grey (4/2002) 2.1

BLENDED

English Breakfast (4/2002) 3.4

PU-ERH

Green Pu-erh (4/2000) 1.7

Large Leaf (4/2002) 1.8

Aged Pu-erh
from Old Trees

Loose-leaf Pu-erh (4/2000) 1.8

Aged Green (4/2000) 2.6

Pu-erh Brick

Tibetan Musch- (4/2000) 3.0
room Pu-erh

High Grade (4/2002) 3.1

Pu-erh Tuocha

Camel Breath

Pu-erh Tuocha (4/2000) 3.4

*Camel Breath***Decaffeinated**Decaffeinated (4/2002) 0.2
English Breakfast**Caffeine contents of
commonly consumed Tea
and Coffee**

Tea and coffee	Typical Caffeine Content
Tea	50 mg per 190 ml cup
Decaffeinated tea	2 mg per 190 ml cup
Instant Coffee	75 mg/190 ml cup
Brewed Coffee	100-115 mg per-190 ml cup

(Filter or Percolated)Decaffeinated (4/2002) 0.2
English Breakfast**(Brewed or Instant)**Drinking Chocolate (4/2002) 3.1
cup (when made up
as per manufacture's
instructions)Energy Drinks 28-87 mg per 250
ml can**(With added caffeine and/or
guarana)**Cola 11-70 mg per 330
ml can**(Regular & Diet)****The Health benefits of
flavonoids**

Although the oxidization process modifies the type of flavonoids present, the total level and their overall antioxidant activity, is similar in both teas. It has been documented that antioxidants, such as those present in both green and black tea, have a protective role to play in certain conditions such as heart disease, stroke and cancers.

**The Health benefits of
Green Tea**

It has been shown in various research studies that green tea specially associated with protection against certain types of cancer including lung, stomach cancer. Moreover an observation study in Japan found that the regular consumption of green tea (more than 3 cups a day) might be protective against of breast cancer in the early stages. The



possible mechanism of green tea is unclear, however it has been shown that green tea polyphenol epigallocatechin inhibits the DNA replication in leukaemia cells resulting in the death of these cells. Green tea is anticarcinogenic, potent antioxidant, anti-inflammatory, antithrombotic, cholesterol lowering, antiviral and antibacterial.

Green Tea and Skin Care

Green tea polyphenols has anticarcinogenic and ultraviolet radiation induced skin problems protection capability.

Green Tea and Weight Loss

It has been well documented in study published in American Journal of Clinical Nutrition that green tea may help in weight reduction by speeding up fat oxidation.

Which Tea to Drink

The health benefits gained from drinking black and green teas are well comparable and helpful in promoting health and well-being. Which tea to drink, when it is simply a matter of your choice of taste. The benefits are same. The caffeine content of both teas is same and they are derived from same plant *Camellia sinensis*.

Nutritional Value of Tea

On the average, British people drink approximately 3 cups of tea a day, about 70% of UK population drink tea on regular basis. Besides powerful antioxidants called Flavonoid tea, when taken with milk may also contribute to daily intake of certain nutrients. Drinking 3 to 4 cups of tea with milk provide

minerals (108 mgs), Calcium 0.36 mgs, Zinc 0.3 mgs, Manganese 0.8 mgs, Potassium 232 mgs and vitamins such as Thiamin 219 mcg, Riboflavin 54 mcg, Vitamin B6 0.66 mcg, Folate 0.3 mcg, Niacin 0.36 mcg, Pantothenate in trace etc. Calcium is vital for formation of bones and teeth and has also a role at cellular level where it is important for activities such as muscle contraction, blood clotting and nerve transmission. Zinc is present in many enzymes and is required for growth tissues repair and for sexual maturation. Potassium is important in the regulation of fluids balance as well as for the proper functioning of cells, including nerves and muscles. Manganese is essential for the development of enzymes and is an important component of bone and cartilage. Thiamin is needed to release energy from carbohydrates. Riboflavin is required to release energy from protein carbohydrate and fat. Vitamin B6 is involved in the metabolism of protein. Vitamin B6 dependent enzymes are also involved in the metabolism of glycogen, lipid and synthesis of haem. Folate is essential for the synthesis of DNA. Niacin is involved in the release of energy in tissues and cells. Pantothenate

plays a central role in energy metabolism.

Tea and Antioxidant properties

The role of antioxidants in protecting heart disease, strokes and cancer cannot be over emphasized. The antioxidants by their scavenging effect may eliminate free radicals from the body thereby preventing deleterious effects on various organs. Plant derived antioxidants such as polyphenols present in fruits, vegetables, nuts, cereals and drink such as tea and red wine is gaining momentum. Some antioxidants, which are synthesized within our cells are called as endogenous oxidants and other antioxidants which are provided in our diet are called as exogenous antioxidants. The endogenous antioxidants are Polyamines, Melatonin, Oestrogen, Superoxide Dismutase (SOD), Glutathione Peroxidase, Catalase, Lipoic acid, Caeruloplasmin and Albumin. Endogenous antioxidants include vitamin E, vitamin C, Carotenoids, polyphenols and copper etc. There are total 6500 carotenoids out of which important ones are beta carotene, lycopene and lutein derived from

tomatoes, carrots, watermelons, red grapes, red peppers, spinach, pumpkins, apricots and avocados and polyphenols are flavonoids including anthocyanins, flavones, flavonols such as quercetin, rutin and flavonols such as catechins. These are available in tea apples, onion, garlic, pears, wine citrus fruits and Isoflavones in legumes. Phenolic acids such as Hydroxybenzoic acid, Gallic acid, Ellagic acid and Salicylic acid. Other Phenolic compounds such as Capsaicin and Tannins present in chillies, peppers tea and red wine.

Free radicals are responsible for certain chronic diseases such heart attack (Coronary artery disease, stroke (paralysis), hypertension, diabetes mellitus, rheumatoid arthritis, cataracts and Alzheimer's disease. The antioxidants inhibit many oxidation reactions caused by free radicals thereby preventing or delaying damage to cells and tissues. The mechanisms of action are scavenging, decreasing oxidation, metabolizing and lipid peroxidation. Thus preventing lipid – low density lipoprotein oxidation thereby reducing the hardening of the arteries (atherosclerosis), decreasing platelet aggregation, platelet adhesion, decreasing clot formation, decreasing damage to the DNA enhancing endothelial function and immune function. Tea has one of the highest total flavonoid contents of all plants at least 15% of the leaf by dry weight. 80% of dietary flavonoid in UK are provided through tea as a source. Several substances, classified as antioxidants (also referred to as polyphenols), are found in tea and these are the components that



are able to combine with unstable positively charged oxygen molecules, otherwise known as 'free radicals'. The 'free radicals' have been shown to cause not only cellular damage but also can damage DNA. As a consequence to the damage, various health problems develop.

Therefore, the antioxidants that are naturally occurring in tea, help remove the "free radicals" which helps promote better health. Other well known antioxidants are vitamins C and E. Some of the antioxidants that are found in tea are much more powerful than these two vitamins.

Research has shown that non-oxidized tea, (white, green, yellow), contains the highest amounts of antioxidants. Green tea, which is high in antioxidants, has received the most attention about its health benefits because it is the most commonly drunk tea in the China and Japan. Yet another non-oxidized tea which is much less common, namely white tea, is also high in antioxidants. One of the teas that is available here is a white tea, Darjeeling White tea.

More recent studies indicate that oxidized tea (pouching, oolong, black) contains levels of antioxidants comparable to the non-oxidized teas. As a result of being oxidized during their processing, these teas, have other related antioxidants, theaflavins, that are only found in oxidized tea. Therefore, oxidized tea also has health promoting benefits. The other teas that are available, namely First Flush Darjeeling Tea, Second Flush Darjeeling Teas, Autumnal Flush Darjeeling Tea, and the Darjeeling Oolong Tea, are all oxidized tea. Both of

the Darjeeling White tea and the Darjeeling Oolong tea are very unusual in that they are Indian teas that are processed following Chinese methods. Darjeeling tea is traditionally prepared via the orthodox method by hand and is oxidized to a black tea level. So again, both the Darjeeling Oolong tea and the Darjeeling White tea promote health and are very unusual, especially the Darjeeling White tea.

Tea Flavonoid

93% of total tea phenolic compounds are flavonoids. Green tea contains more of simple flavonoids called catechins, while the oxidation that the leaves undergo to make black tea converts these simple flavonoids to more complex variety called theaflavins and thearubigins. Tea flavonoids are water soluble. It has been documented one of the study from UK that if the tea has been allowed to brew for 40 – 60 seconds will deliver approximately 140 mgs of flavonoids. The longer the tea is left to brew, the higher is the concentration of flavonoids. Tea flavonoids demonstrate excellent antioxidant activity. It was concluded is one of the study conducted in UK that consumption of 3 cups of tea

gives us approximate antioxidant power as if eating six apples. In another study it was documented that two of three cups of tea per day has same radical scavenging capacity as five portions of fruits and vegetables.

Health benefits of tea Flavonoids

Tea flavonoids are several time more potent antioxidants than vitamin C and E. Tea flavonoids inhibit oxidation of bad cholesterol –Low Density Lipoprotein. Flavonoids has antithrombotic, antiatherosclerotic, antiplatelet antibacterial, anticancer effects. It is cardioprotective, vasoprotective, brain protective, renoprotective, dental protective, bone protective, cell protective etc.

Tea and fluid replacement

In the past it has been widely believed that tea should be avoided as fluid replacement due to the diuretic action of the caffeine present. An extensive review of the medical and scientific literature, carried out by Professor Ron Maughan and Jane Griffen, concluded that 'there is no evidence base for the assumption that all caffeine containing drinks should be



avoided in situations where fluid balance is, or might become, precarious.' It was found that tea does not have a diuretic effect due to caffeine unless the amount of tea consumed at one sitting contains more than 250-300 mg of caffeine, equivalent to between 5 and 6 cups of tea. In fact, due to the volume of fluid that is drunk whilst enjoying a cup of tea, the British Dietetic Association advises that tea can contribute towards the daily-recommended fluid intake of 1.5 to 2 litres. About 70% of the UK population drink tea on a regular basis, drinking on average three to four cups of tea a day. At this intake tea can make a positive contribution to the body's hydration status, helping to promote health and well-being.

Tea and Heart

The risk for developing coronary artery disease include insulin resistance syndrome, oxidation of lipoproteins, inflammation and endothelial damage, high levels of homocysteine, platelet aggregation and adhesions, clotting factors, diabetes, hypertension, smoking and hyperlipidemia etc. These risk factors can be reduced by quitting smoking, regular exercise, healthy diet, stress management, consumption of fruits and vegetables, reducing salt intake, reducing alcohol intake. Consumption of 3 cups of tea reduce the risk of cardiovascular disease by more than 64%.

Regular tea drinking may help keep heart attack victims alive according to new study by Researchers at Harvard Medical school. This study reviewed 1900 men and women in there 60s who had suffered heart attack found

that who drank tea two cups a day (14 cups a week/28 cups in two weeks/56 cups in a month/730 cups in a year) had 44% lower death rate than non tea drinkers. Moderate tea drinkers and 40% risk reduction for heart attack.

Tea and Brain stroke

It has documented by various epidemiological studies that flavonoids in tea protects the risk of brain stroke by more than 50% by consuming 3 cups of tea per day.

Tea and cancer

It has been documented in a Japanese study that there is definite slow down in increase of cancer incidence in tea drinkers. In another study it was reported that green tea drinkers had 48% reduced risk of developing stomach cancer and 51% low risk of developing chronic gastritis versus non tea drinkers. It has

also been reported in one of the studies that the risk for cancer lung can be reduced by 50% by consuming 3 cups of tea. It has also been reported in Japanese studies that regular consumption of tea more than 3 cups a day might be protective again the recurrence cancer breast in early stages. The anticancer property of tea is because of antioxidant activity, ability of inhibit nitrosamine reactions, modulation of carcinogen metabolising enzymes, trapping of ultimate carcinogens, ability to inhibit cell-proliferation, modulation of gut-microflora, antimicrobial actions between helicobacter pylori and gastric cancer.

To be Continued... Part 2 in the Upcoming Issue.

**Read the concluding part of this article, 'Potentials of Tea in Enhancing Health' in the upcoming issue of KALEIDOSCOPE Magazine.*



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Conference Facilities at SCOPE Convention Centre Lodhi Road, New Delhi

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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:

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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

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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.



Steel Minister virtually inaugurates Rs. 149 Crore, Beneficiation Plant at SAIL-Bhilai Steel Plant's Dalli Mines



Shri Jyotiraditya M. Scindia, Union Minister for Steel and Civil Aviation virtually inaugurating the new Beneficiation Plant in the presence of Shri Amarendu Prakash, Chairman, SAIL.

Union Minister for Steel and Civil Aviation, Shri Jyotiraditya M. Scindia has inaugurated the new Beneficiation Plant virtually at Dalli Mines of SAIL's Bhilai Steel Plant. This Beneficiation Plant has been set up for silica reduction from the iron ore of size less than 1 mm containing high silica gangue. This plant is equipped with the state-of-the-art beneficiation equipment and aims to enhance the quality of iron ore supplied to Bhilai Steel Plant, thereby increasing the annual production of hot metal from the blast furnaces, reducing coke consumption and carbon emission.

Speaking on the occasion Shri Scindia, while applauding the efforts of SAIL in the first of its kind technological initiative, mentioned the huge stride that

the domestic steel industry has taken in the last nine years. The production and per capita consumption of steel have witnessed unprecedented growth while the country has become the second largest steel producer in the world.

Under the leadership of the Minister, the Steel Ministry is focused on promoting decarbonization in the domestic steel industry and in formulating long-term roadmap for green steel production in collaboration with the steel industry. SAIL aligns itself with the national goal for carbon neutrality and the Beneficiation Plant at Dalli-Rajhara Mines is a significant step in this direction. Further, this plant is part of SAIL's endeavor to use low grade iron ore by beneficiating. The quality of iron ore reserves in the 60-year-old mines of SAIL-Bhilai Steel Plant's

Dalli and Rajhara group have depleted and a study revealed the need to beneficiate iron ore of size less than 1 mm to achieve the desired grade for effective usage in the blast furnaces. This Beneficiation Plant, set-up with an investment of around Rs. 149 crore, is aligned with the existing Crushing, Screening and Washing (CSW) wet plant at Dalli. The project has been completed with the help of various state Govt. agencies, local administration and elected representatives.

Chairman, SAIL, Shri Amarendu Prakash, who was present during the program said that "This beneficiation plant for silica reduction is a critical move in SAIL's pursuit of sustainable steel production, actively aligning with the Ministry of Steel's initiatives to decarbonize the Indian steel industry".

GAIL clocks Revenue of Rs. 32,227 crore, PAT of Rs. 1,412 crore in Q1 FY24

GAIL (India) Limited reported Revenue from Operations of Rs. 32,227 crore in Q1 FY24 as against Rs. 37,572 crore in Q1 FY23. Profit before Tax (PBT) in Q1 FY24 stood at Rs. 1,889 crore as against Rs. 3,894 crore in Q1 FY23. Profit after Tax (PAT) in Q1 FY24 stood at Rs. 1,412 crore as against Rs. 2,915 crore in Q1 FY23.

Quarter on Quarter basis, Revenue from Operations was reported at Rs. 32,227 crore in Q1 FY24 as against Rs. 32,858 crore in Q4 FY23. PBT registered a robust growth of 220% to Rs. 1,889 crore in Q1 FY24 as against Rs. 591 crore during Q4 FY23. PAT increased by 134% to Rs. 1,412 crore in Q1 FY24 as against Rs. 604 crore in Q4 FY23 mainly on account of increased Gas Marketing and Transmission volumes &

increased Transmission tariff realisation.

During the quarter, Natural gas transmission volume registered a growth of 7% to 116.33 MMSCMD in Q1 FY24 as against 108.23 MMSCMD in Q4 FY23. Gas marketing volume increased by 2% to 98.84 MMSCMD as against 96.46 MMSCMD in previous quarter. LHC sales increased by 7% to 247 TMT as against 230 TMT & Polymer sales also increased by 37% to 162 TMT as against 118 TMT in comparison to previous quarter.

On Consolidated basis, Revenue from Operations stood at Rs. 32,849 crore in Q1 FY24 as against Rs. 33,264 crore during Q4 FY23. PBT in Q1 FY24 stood at Rs. 2,283 crore as against Rs. 689 crore in Q4 FY23. PAT (excluding Non-controlling interest) was Rs. 1,792

crore in Q1 FY24 as against Rs. 634 crore in Q4 FY23.

Shri Sandeep Kumar Gupta, CMD, GAIL said that the Company has incurred a Capex of about Rs. 2,391 crore during the current quarter, mainly on Pipelines, Petrochemicals, Equity to JVs, etc. which is about 31% of annual target of Rs. 7,750 crore. He informed that GAIL has been authorized to build Gurdaspur-Jammu Natural Gas pipeline having length of 160 km with Capex of Rs. 522 crore.

He further stated that during the quarter, the company has acquired 100% stake in erstwhile JBF Petrochemicals Limited, now GAIL Mangalore Petrochemicals Limited, by infusing Rs. 2,101 crores through Corporate Insolvency Resolution Process (CIRP).

POWERGRID posts Profit After Tax (PAT) of ₹ 3,597 Crore, Total Income ₹ 11,258 Crore for Q1FY24

Board Recommends Bonus shares

Power Grid Corporation of India Limited (POWERGRID) has announced a PAT and Total Income of ₹3,597 crore and ₹11,258 crore respectively for Q1 FY24 on a consolidated basis.

The Company incurred a Capital Expenditure of ₹1,506 crore and capitalized assets worth ₹1,615 crore (excluding FERV) on consolidated basis during Q1 FY24

The Company's Gross Fixed Assets on a consolidated basis stood at ₹2,70,757 crore as on June 30, 2023 as against ₹2,64,838 crore as on June 30, 2022.

POWERGRID Board has recommended issuance of common shares of the Company as bonus shares in the ratio of 1:3 i.e one bonus share for every three shares held to its shareholders.

During the quarter, the company along with its subsidiaries added

4,435 MVA transformation capacity, two GIS substations and 1,428 ckm transmission lines.

As on 30.06.2023, the total transmission assets of POWERGRID and its subsidiaries stood at 1,74,625 ckm of transmission lines, 274 substations and 5,08,350 MVA of transformation capacity.

The Company continued to maintain high average transmission system availability, for Q1 FY24 POWERGRID average availability is 99.86%.

GAIL goes live with Swift India's messaging platform for e-Bank Guarantee and SBLC

GAIL has gone live with Axis Bank for digitizing Bank Guarantees through Swift India messaging platform, making GAIL the first Indian corporate to adopt the solution that will enable secure, transparent, and seamless transactions.

e-BG is a critical community proposition to automate the process to issue & consume Bank Guarantees digitally.

By choosing to activate e-BG through Swift India's platform, GAIL will now have ISO based messaging standards for issuance, amendment and invocation of e-BGs in a seamless and secure way. Additionally, STP (straight through process) will allow quicker turnaround times than traditional paper-based methods. On becoming the first Indian



Shri Sandeep Kumar Gupta, CMD, GAIL; Shri R K Jain, Director (Finance), GAIL; Shri Ayush Gupta, Director (Human Resources), GAIL and other senior officials from GAIL during the launch.

corporate to implement this end-to-end facility, Shri Sandeep Kumar Gupta, CMD, GAIL, said, "Our vision is to empower our employees to be focused on business, provide value addition for our customers, and adopt technology to ensure processes that protect our systems from fraud, with no manual intervention. GAIL constantly strives

to ensure that capabilities built are with a long-term vision." Speaking on the occasion, Shri R. K. Jain, Director (Finance), GAIL said, "The entire end-to-end process of digitization of Bank Guarantee and Stand by Letter of Credit (SBLC), from issuance till it's invocation, will be a seamless process without any manual intervention."

NALCO begins commercial sale of mechanized Sow Ingots

In an effort to further strengthen its product portfolio National Aluminium Company Limited (NALCO), has started the commercial sale of mechanized sow ingots in the domestic market after successfully completing a series of trials in the past. The 1st consignment of mech-anized sows was formally flagged off by Shri Amiya Kumar Swain, Executive Director (S&P) in the presence of senior officials at NALCO's Smelter Plant at Angul. Worth mentioning that the mechanized sows are free from dross and have larger surface area with a better surface finish, thereby ensuring consistent



quality in products manufactured by the secondary industries which are mostly in MSME sector. The product is available in

650 kg +/- 50 kg and will certainly be pivotal in meeting customer requirements in both Domestic as well as International Markets.

Brahmaputra Valley Fertilizer Corporation Limited (BVFCL) celebrates the successful launch of Revolutionary Agricultural Solutions: Mukta Zyme & Mukta Micro Nutrients

Brahmaputra Valley Fertilizer Corporation Limited (BVFCL) is elated to announce the highly successful product launching ceremony of two ground breaking agricultural solutions - Mukta Zyme and Mukta Micro Nutrients. The momentous event took place at the Conference Hall of the Administrative Building of BVFCL, and it was graced by the presence of our Dr. S.P. Mohanty, CMD, BVFCL and Shri P.K. Banik, DP, BCFCL along with other distinguished senior officials of BVFCL.

The launching ceremony marked a significant milestone for BVFCL as we introduced Mukta Zyme and Mukta Micro Nutrients, two innovative agricultural solutions

designed to revolutionize farming practices and promote sustainable agriculture. These products promise to enhance crop productivity while ensuring environmental stewardship.

The event showcased the power of seamless collaboration, with the Marketing Offices of BVFCL joining in virtually to witness and celebrate this occasion. The participation of our Marketing Team exemplified the spirit of teamwork and dedication driving BVFCL to create a positive impact on the agricultural landscape.

During the ceremony, Dr. S.P. Mohanty, CMD, BVFCL expressed his heartfelt appreciation to both the Marketing Team and BVFCL employees for their relentless

efforts in bringing Mukta Zyme and Mukta Micro Nutrients to fruition. He emphasized the critical role these revolutionary solutions will play in bolstering the agriculture sector and improving the livelihoods of farmers across the region and beyond.

Mukta Zyme is an innovative enzymatic product designed to enhance soil fertility and nutrient availability. By promoting organic matter decomposition and nutrient release, it aids in the efficient absorption of essential nutrients by plants, resulting in healthier crops and improved yields. This breakthrough product offers farmers an environmentally friendly and sustainable solution for enhancing soil health.

ONGC first CPSE in India to get certified for Anti-Bribery Management System by an international accredited certification body

Oil and Natural Gas Corporation (ONGC) has become the first Central Public Sector Enterprise (CPSE) in India to get certified for Anti-Bribery Management System (ABMS) by an international accredited certification body, M/s InterCert USA. ONGC was the first organization in India that adopted the Integrity Pact (IP) by Transparency International in 2005. ABMS Certification, thus, becomes another significant milestone in the journey of the ONGC towards strengthening its stature as a preferred business partner.

After complete assessment and validation by M/s InterCert USA,



Shri Manish Patil, Director (HR), ONGC; Shri Sushma Rawat, Director (Exploration), ONGC; Shri Pomila Jaspal, Director (Finance), ONGC; Arun Kumar Singh, Chairman and CEO, ONGC; Shri Ranjan Prakash Thakur, CVO, ONGC; Shri O.P. Singh, Director (T&FS), ONGC & Shri Pankaj Kumar, Director (Production), ONGC.

ABMS has been implemented as per ISO 37001:2016 International Standard under the guidance of an international consultancy firm M/s Digital Age, in the first phase across 10 departments of ONGC's Corporate Office in Delhi. Apart from the Chairman and Directors

of ONGC, Chief Vigilance Officer Ranjan Prakash Thakur, and Key Executives of Corporate Departments were also present during the award ceremony, along with a representative from the Certification Body M/s InterCert.

Indian Delegation led by Speaker, Lok Sabha visits Mongol Refinery Project

An Indian Parliamentary delegation led by the Speaker of Lok Sabha, Shri Om Birla, Members of Parliament (Lok Sabha & Rajya Sabha) along with His Excellency Shri M. P. Singh, Ambassador of India to Mongolia visited the Mongol Refinery Office in Ulaanbaatar. Dr. Altaansetseg Dashdavaa, Executive Director - Mongol Refinery along with team of Engineers India Limited (EIL) accorded a warm welcome to them.

The delegation was apprised of the present progress of the 1.5 MMTPA Oil Refinery under execution by Engineers India Ltd. as Project Management Consultant (PMC). The delegation while evincing keen interest on



Shri Om Birla, Speaker of Lok Sabha along with His Excellency Shri M.P. Singh, Ambassador of India and Members of Parliament (Lok Sabha and Rajya Sabha) during visit to Mongol Refinery office in Ulaanbaatar.



the project features & its present status, applauded the efforts

being put in by all stakeholders working relentlessly to enable India's spiritual neighbour Mongolia achieve energy independence. The Oil Refinery is under execution through a Line of Credit (LOC) extended by the Government of India to the Government of Mongolia.

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.

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 first hand 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) 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, General Manager (Operations) among others were present in Conclave and interacted with the participants. Speaking on this occasion, Shri Rakesh Chandra Tiwari, Director (Marketing) said, - "ITI Limited is renowned for encouraging start-ups and we are very proud that we have incubated many start-ups in our campus till now. Start-ups are having technology with them, they want a manufacturing infrastructure to manufacture their products, marketing setup to market those things. This is where ITI wants to help them. Shri Tiwari added - "ITI has been providing space for incubation centres on a mutually agreed terms and condition and has been involved in helping them since many years now".

Witnessing a Paradigm Shift: ALIMCO's Vendor Meet 2023

The Artificial Limbs Manufacturing Corporation of India (ALIMCO) successfully hosted its highly anticipated Vendors Meet Event at SCOPE Complex, New Delhi. The Chief guest Shri Rajesh Aggarwal, Secretary, Department of Empowerment of Persons with Disability (DEPwD), Government of India inaugurated the event which aims to foster partnerships, strengthen existing relationships, and explore innovative opportunities within the assistive technology domain.

Shri Rajesh Yadav, Joint Secretary, DEPwD, Shri Praveen Kumar, CMD, ALIMCO, Shri Hirak Datta, Advisor, GeM, Shri Atul Rustagi, GM (FA) & CFO, ALIMCO, Shri Ajay Chaudhary, GM (I/C Marketing) were promptly present in the function.

Addressing the inaugural session, chief guest Shri Rajesh Aggarwal emphasized on need of exploring innovative and advanced assistive devices which must be affordable, accessible and quality oriented. He said the department has focused on reaching out to



Shri Rajesh Aggarwal, Secretary, Department of Empowerment of Persons with Disability (DEPwD), GoI; Shri Rajesh Yadav, Joint Secretary, DEPwD, Shri Praveen Kumar, CMD, ALIMCO, Shri Hirak Datta, Advisor, GeM, Shri Atul Rustagi, GM (FA) & CFO, ALIMCO, Shri Ajay Chaudhary, GM (I/C Marketing) during the Vendor meet.

the beneficiaries and expansion of services of ALIMCO in each states and UTs is a part of this initiative.

Shri Praveen Kumar, CMD, ALIMCO outlined the organization's vision and mission in empowering Divyangjan along with the future growth trajectory of the corporation and adaptation of on-line digital platforms to maintain fair and transparent opportunities for collaborating partners.

Representatives of MSME, GeM, NSIC and TReDS were also invited in the meet so that the initiative and schemes implemented by

central government for ease of doing business from these platforms can be utilized by the participating entrepreneurs and also to sought out the various queries of the participants. The event served as a testament to ALIMCO's unwavering commitment to fostering partnerships and driving innovation in the field of aids and assistive devices. The annual event of ALIMCO brought together prominent industry stakeholders, vendors, and partners for a day of insightful discussions, collaboration, and networking meet out the progressive production graph of the Corporation.

SAIL clocks best ever Q1 in production and sales

Steel Authority of India Limited (SAIL) has achieved record-breaking performance in the first quarter of the financial year 2023-24 (Q1 FY24) in terms of production and sales. The production of hot metal, crude steel, and saleable steel of

5.037 million tonnes (MT), 4.667 MT, and 4.405 MT, respectively, marked the best ever first quarter results.

These figures represent a remarkable growth of 7%, 8%, and 8% respectively in comparison to the previous best. Moreover,

the company attained its highest-ever sales performance in the first quarter by achieving a sales volume of 3.9 MT. This is a growth of around 24% over CPLY.

The company is focused on maximizing capacity utilization and meeting the customer demands.

NSL commences Trial Production of HR Coils

NMDC Steel Limited (NSL) commenced trial production of Hot Rolled Coils from its Rolling Mill. The occasion was graced by Shri Amitava Mukherjee, CMD (Additional Charge) of NMDC and NSL and Functional Directors of NMDC and NSL Shri Dilip Kumar Mohanty, Director (Production); Shri Vishwanath Suresh, Director (Commercial); Shri Vinay Kumar, Director (Technical) and Shri K. Praveen Kumar, Executive Director (NSL). The team of NSL, MECON & Danieli completed the integrated trial runs by charging 70mm semi-rolled plates sourced from Rourkela Steel Plant. This was followed by Ghost Rolling and other synchronisation activities on 29 June 2023 which culminated in taking slabs in the Tunnel Furnace on 30 June 2023,



Shri Amitava Mukherjee, CMD (Addl. Charge), NMDC and other Functional Directors of NMDC and NSL during trial of Hot Rolled Coils from its Rolling Mill.

resulting in successful rolling of Hot Slabs. This state-of-the-art Hot Strip Mill is supplied by technology provider M/s Danieli, Italy. After stabilisation, it will produce around 2.89 Million Tonnes of Coils, Sheets and Plates of different grades. The HR plates manufactured in the plant will be widely used for LPG cylinders, bridges, automobile grades, pipes, storage tanks, boilers and railway wagons. Speaking

on the occasion, Shri Amitava Mukherjee said, "It is indeed a moment of pride for NMDC Steel Limited as they commence the trial of their Hot Strip Mill. This achievement has paved the way for concluding the commissioning and integration of all the packages and roll-out steel in a month or so. This project commissioning of 3.0 MTPA Steel Plant will be a landmark in the history of NMDC and NSL.

Numaligarh Refinery Limited Upgraded to 'Schedule A' CPSE

Numaligarh Refinery Limited (NRL) has been upgraded from Schedule B to Schedule A CPSE by the Government of India. This is a significant milestone for NRL. The upgradation to Schedule A was notified by the Ministry of Petroleum and Natural Gas recently. This upgradation to Schedule A recognises NRL's strong financial performance and operational efficiency and contribution to the economic development of the Northeast region. NRL ranks among the top 20 CPSEs in India, both in terms of sales revenue and profitability. Among the Indian PSU refineries, NRL is considered as a high performing model refinery with industry leading figures in terms

of distillate yield, specific energy consumption and gross refining margin. Marking its international presence, NRL has commenced export of petroleum products to the neighbouring countries and has acted as a catalyst in promoting the Act East Policy of Govt. of India.

NRL is the largest refinery in Northeast India, with a capacity of 3 million metric tonnes per annum (MMTPA) and is currently implementing a mega refinery expansion project to triple its refining capacity to 9 MMTPA along with laying a transnational crude oil pipeline from Paradip in Odisha. NRL is currently implementing projects involving investments to the tune of Rs. 35,000 crores in the region

and is recognised as one of largest investments in the oil and gas sector.

The upgradation to Schedule A will now make NRL eligible to achieve the status of Navratna which in turn will give higher financial autonomy. This will allow the company to undertake larger and more complex projects, take speedy decision in creating joint ventures, strategic partnerships and special purpose vehicles for strategic growth.

The upgradation to Schedule A is a significant boost to NRL's endeavour towards achieving net zero goals and will play a critical role in the current energy transition mission in the oil and gas sector in the country.

MOIL Recorded best ever July production in July'23 Registers a growth of 71 % Y-O-Y

Despite the challenge of heavy rainfall, MOIL has been able to maintain its production tempo and achieved its highest-ever July production since inception in July 2023. With manganese ore production of 1.20 lakh tonnes during July, 2023, a remarkable growth of 71% has been registered compared to corresponding period last year (CPLY).

On sales front also, MOIL has achieved best-ever July sales of 0.94 lakh tonnes in July 2023, registering an impressive growth of 69% over CPLY. Shri Ajit



Shri Ajit Kumar Saxena, CMD, MOIL and Smt. Usha Singh, Director (HR), MOIL along with other officials from MOIL during an interaction.

Kumar Saxena, CMD, MOIL once again congratulated MOIL collective for their achievements and expressed happiness over

the sustained efforts being made to enhance production resulting in best July performance, despite adverse weather conditions.

ITI Limited wins accolades from ISRO and DoT for its role in the successful launch of Chandrayaan-3

ITI Limited has won accolades from ISRO (Indian Space Research Organisation), and Department of Telecommunications (Ministry of Communications) for playing a significant role in the successful launch of Chandrayaan-3 (LVM3 -M4) that was launched from Satish Dhawan Space Centre (SDSC) in Sriharikota. The flight vehicle of this mission had on its board 55 packages manufactured by ITI Limited adhering to the stringent highest quality standards of ISRO. India's third moon mission, Chandrayaan-3, had a perfect successful launch onboard a Mark-3 (LVM-3) rocket.

Thus far, only three countries, the U.S., Russia and China, have successfully soft-landed on the moon. The Hon'ble Prime Minister Shri Narendra Modi and Minister of State Shri Jitendra Singh hailed the achievement by

ISRO for the successful mission. Appreciating ITI's role in the mission, Smt. Sheena Abraham Group Director Electronics Production Group, ESAE (ISRO -Electronics Systems Actuators Entity) said - "We would like to convey our deepest appreciation to all the team members in your organization who have worked hard for the realization of these packages. We will strive together for more successes in future also."

Shri K. Rajaraman, Secretary, DoT under whom the CPSU ITI Limited operates said - "DOT celebrates the successful launch of Chandrayaan-3, India's lunar mission and congratulates ITI Limited whose various fabricated packages have flown in the mission. We at DOT are very proud to be a part of ISRO's successful efforts of pushing boundaries of space exploration." Speaking on this occasion, Shri Rajesh Rai, CMD,

ITI Limited said, "ITI Limited is overwhelmed to be part of the Lunar Mission which marks a historic achievement in the national space programme. It gives me immense pride to state that ITI has contributed its distinct engineering prowess, manufacturing expertise and skilled workforce to help this mission. The Space sector is opening up for the Indian Industry and we will leverage this long association with ISRO to carve a bigger role in Space Programmes of the future." Palakkad Plant of ITI Limited has been associating with ISRO for more than two decades in all its prestigious missions striving to help power India's space aspirations. ITI Limited's Palakkad Plant was appreciated by ISRO in June this year and in October last year for realizing the flight packages with respect to the launch of LVM3 M2/OneWeb India-1 Mission.

NHPC participates in Annual meeting on International Commission on Large Dams, Gothenburg, Sweden

NHPC participated in Annual meeting on International Commission on Large Dams (ICOLD 2023) held in Gothenburg, Sweden. The NHPC delegation led by Shri R. P. Goyal, Director (Finance) and Shri Biswajit Basu, Director (Projects) actively participated in the event. The delegation presented various papers on critical issues faced by hydropower developers in respect of management & safety of dams which were highly appreciated by the participants.

NHPC's capabilities in field of hydropower development were also showcased in a special pavilion at the event. The other members of the delegation included Shri M.G. Gokhale, Executive Director, Shri Raghvendra Gupta, Group General Manager, Smt. Manjusha Mishra, General Manager, Shri Manoj Kumar Singh, General



Shri R.P. Goyal, Director (Finance) and Shri Biswajit Basu, Director (Projects), NHPC along with Senior Officers of NHPC in Gothenburg, Sweden at ICOLD 2023.

Manager, Shri. R.M.A Khan, General Manager, Shri Dinesh, Deputy General Manager, Shri Sunil J. Ganvir, Deputy General Manager, Shri Pradeep Garnayak, Senior Manager, Shri Mainak Ghosh, Senior Manager, Smt. Pallavi Khanna, Senior Manager and Shri Varun Agarwal, Manager. NHPC officials presented several papers and posters on critical issues faced by hydropower developers on various topics as Management &

safety of dams, Seepage Control measures, Seismic aspects, Repair & rehabilitation of dam and its appurtenant structures etc. NHPC officials also participated in discussions of ICOLD technical committee on Sedimentation and shared their experience of sediment management for projects in cascade. NHPC has been highly benefitted with the overall exposure and experience gained by its senior officers through participation in this event.

BHEL extends cooperation with General Electric for Gas Turbines

Bharat Heavy Electricals Limited (BHEL) has signed a Technical Assistance and License Agreement with General Electric Technology GmbH Switzerland for Gas Turbines.

The agreement was signed by Shri Jai Prakash Srivastava Director (Engineering, Research & Development) & Director (Finance- Addl. Charge), BHEL and Shri Theodoros Stamatiadis Executive Counsel (IP), GE Power (virtually); in the presence of Dr. Nalin Shinghal CMD, BHEL, Shri Deepesh Nanda, CEO, GE Gas Power South Asia and President & CEO, GE Aero-derivative Business, Gas Power Asia, Smt. Renuka Gera, Director

(Industrial Systems & Products), BHEL and other senior officials of GE and BHEL. Representatives of the US-India Business Council also attended the ceremony.

Under this extension Agreement, BHEL will gain enhanced rights for existing/uprated and new Gas Turbine models.

BHEL, in partnership with GE, is the market leader for Gas Turbines in India. As on date, BHEL has supplied about 230 GE-design Gas Turbines to various oil refineries, process industries and utilities in India and to various overseas customers. India's focus on achieving net zero emissions and including green hydrogen in the energy mix will also require

future-ready power technologies. As per the agreement, BHEL will also be able to supply Gas Turbines with fuel blends viz. Hydrogen, Methanol, Syngas, etc. and in hybrid configuration contributing towards accelerating the energy transition in India; and through Aero-derivative Gas Turbines helping in grid balancing vis-à-vis the nation's ambitious renewable energy build-up target.

The Agreement will also give a boost to India's 'Aatmanirbhar Bharat' and 'Make in India' initiatives as BHEL will indigenously manufacture state-of-the-art Gas Turbines and their spares at its Hyderabad facility.

We have to balance the energy trilemma of energy security, energy equity & environmental sustainability': NITI Aayog Member & JNU Chancellor at 11th Subir Raha Memorial Lecture

"For an accelerated path to Net Zero, India needs to adopt new policies like carbon pricing, technology breakthroughs like Carbon Capture Utilisation & Storage (CCUS) and accelerated shift to electric mobility. I am happy that Oil and Natural Gas Corporation Limited is deep into the pursuit of CCUS," remarked the missile technology and defense research expert Dr. Vijay Kumar Saraswat, Padma Bhushan, as he delivered the keynote address on "Sustainable Energy Transition" at the 11th Subir Raha Memorial Lecture in SCOPE Complex, New Delhi.

The Subir Raha Memorial Lecture organized by United Nations Global Compact Network India (UN GCNI), Indian Oil Corporation Limited (IOCL), and Oil and Natural Gas Corporation (ONGC) witnessed the Member of National Institution for Transforming India (NITI) Aayog and Chancellor of Jawaharlal Nehru University Dr. Vijay Kumar Saraswat as the keynote speaker.

"We must dispel the myth that developing countries like India bear a significant burden in global greenhouse gas emissions. In fact, India's contribution has been less than 4 percent during the period of 1850-2021," he stated. Dr. Saraswat opined that, "While renewables will contribute to 25 percent of carbon emissions abatement, the crucial role of Carbon Capture and Storage (CCS) and Carbon Capture and Utilization (CCU) industries cannot be understated, accounting for 6 percent." The



Dr. VK Saraswat with ONGC Chairman & CEO Shri Arun Kumar Singh and other dignitaries at the 11th Subir Raha Memorial Lecture.

scale of this endeavor necessitates significant investments exceeding 100 trillion USD. "To accelerate our path to net zero, India must adopt new policies such as carbon pricing, leverage technology breakthroughs like CCUS, and expedite the transition to electric mobility, green steel, and other sustainable practices," emphasized Dr. Saraswat. He mentioned that ONGC is deeply committed to India's journey towards Net Zero, and is fully engaged in CCUS efforts, aiming to make a substantial impact in India's path to a sustainable future.

As the world faces the challenges of Climate Change and Environmental Degradation, Dr. Saraswat's address sheds light on the significance of sustainable energy in ensuring a greener and more sustainable future.

The Subir Raha Memorial Lecture has become a hallmark event in honoring the memory of the late



Dr. VK Saraswat delivering the keynote address at the 11th Subir Raha Memorial Lecture.

Subir Raha, a visionary leader in the energy sector. The lecture brings together distinguished personalities to discuss pertinent issues and provide valuable perspectives on topics of national and global importance. The 11th edition of the lecture series turned to be an enlightening and thought-provoking event, as Dr. Vijay Kumar Saraswat shared his profound knowledge and experiences in sustainable energy.

PFC extends financial assistance of ₹ 9,187 Crore to HPCL Rajasthan Refinery Project in Rajasthan

Power Finance Corporation Ltd. (PFC) has extended its financial Assistance for ₹ 9,187 crore to HPCL Rajasthan Refinery Ltd. for its 9 MMTPA refinery - cum - petrochemical complex located at Barmer, Rajasthan. This is the first project where PFC has extended its financial assistance to Refinery and Petrochemical Sector. Now PFC is extending its support in Nation Building not only through the Power sector but also in the Infrastructure segment.

HPCL Rajasthan Refinery Limited (HRRL) is setting up a green field refinery-cum-petrochemical complex in Barmer district, Rajasthan, at a Project Cost of ₹72,937 crore. Recently, HRRL executed a loan agreement under a consortium arrangement for ₹48,625 crore, wherein the share of PFC Ltd. is ₹9,187 crore. HRRL is a Joint Venture (JV) company of Hindustan Petroleum Corporation Limited (HPCL) (76%) and the Government of Rajasthan (26%).



The Project includes setting up an energy-efficient and environment-friendly refinery-cum-petrochemical complex, setting up a pipeline for transportation of both Rajasthan Crude and imported crude, the pipeline for transportation of water to the refinery site, a captive Power Plant for meeting refinery power and steam requirement, crude and product storage facilities, township and allied facilities and utilities.

The Project will be producing clean fuels such as BS-VI grade Motor Spirit (MS or Petrol) & BS-VI grade High-Speed Diesel (HSD

or Diesel) and Petrochemical products such as Polypropylene, Butadiene, LLDPE, HDPE, Benzene and Toluene.

The Project will cater to the increased demand for petroleum and petrochemical products in the country and the Western, Northern and Central parts of India in particular. Overall, this financial assistance from PFC will support the development of the HPCL Rajasthan Refinery Project, contributing to the nation-building efforts in the Refinery and Petrochemical sector and expanding PFC's role in the infrastructure segment.

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 FY 2023-24 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.

Goa Shipyard Limited and BITS Goa Innovation, Incubation & Entrepreneurship Society Collaborate to Propel Artificial Intelligence in Shipbuilding and Defence



Shri P. Ravindran, General Manager (Production) of Goa Shipyard Limited and Prof. Suman Kundu, President BGIIES, Goa during the signing of MoU.

Goa Shipyard Limited and BITS Goa Innovation, Incubation & Entrepreneurship Society (BGIIES) have joined forces in a pioneering endeavor to revolutionize the shipbuilding and defence industry through the development and implementation of cutting-edge Artificial Intelligence (AI) technologies. A Memorandum of Understanding (MoU) was signed, cementing their commitment to fostering innovation and progress in this vital sector.

This strategic partnership brings together the research expertise of BITS Goa and the extensive experience of Goa Shipyard Limited in shipbuilding and defence. By leveraging AI-driven solutions, they aim to enhance operational efficiency, optimize ship design processes, and strengthen defence capabilities.

Under the MoU, both entities will collaborate closely on research and development projects to harness AI's full potential in shipbuilding and defence applications over the period of next one year. The shared expertise and resources will facilitate the creation of advanced AI algorithms, predictive

maintenance models, autonomous systems, and more.

Shri P. Ravindran, General Manager (Production) represented Goa Shipyard Limited and Prof. Suman Kundu, President BGIIES represented BGIIES, Goa. The signing of this MoU represents a mutual commitment to advancing AI technology in the maritime and defence sectors. The joint efforts of GSL and BGIIES will undoubtedly have a far-reaching impact on the industry, reinforcing the shipyards position in the global market.

Signing of Memorandum of Understanding (MoU) between KSEB Limited and NHPC Limited for Setting Up "Design Clinic" providing consultancy services to KSEB Ltd.



Executive Director (SBD & C), NHPC and Director (Generation-Civil), KSEB Limited alongwith MoU Documents.

An MoU has been signed between NHPC Limited and KSEB Limited for providing consultancy services to KSEB Ltd. as its Owner's Engineer for vetting of design of Ongoing Projects of KSEB Ltd. and also for the projects in the pipeline. The MoU was signed by Shri Rajat Gupta, Executive Director (SBD&C), NHPC and Shri Radhakrishnan G., Director (Generation- Civil), KSEB Limited. Other Senior officers from both the organizations were also present.

A brief meeting was also held with CMD, KSEB Ltd. before signing of MoU, wherein he complimented

Shri R.K. Vishnoi, CMD, NHPC for associating with KSEB for this assignment. He expressed his strong belief and faith on the NHPC's technical prowess and expertise.

The MoU entails togetherness with KSEB and NHPC for accelerated development of the hydroelectric potential of the state in the most techno-commercially viable manner as an enabler towards clean energy transition.

NBCC Inks MoU with Currency Note Press, Nasik



Shri Bolewar Babu, CGM, CNP, Nasik and Shri Pradeep Sharma, CGM (Engg) NBCC during MoU signing.

NBCC inked an MoU with Currency Note Press (CNP) under Security Printing and Minting Corporation of India Limited (SPMCIL), Maharashtra for Planning, Designing and Execution of Upcoming works such as State-of-the-Art Museum, Infrastructure development works like Treatment Plants etc. at Currency Note Press (CNP) Nasik.

The MoU was signed by Shri Bolewar Babu, CGM, CNP Nasik and Shri Pradeep Sharma, CGM (Engg.) NBCC.

NBCC inks MoU with MoHUA

NBCC (India) Ltd., has signed a Memorandum of Understanding (MoU) for the FY 2023-24 and FY 2024-25 with its Administrative Ministry, MoHUA, outlining the performance targets for the Company for the FY 2023-24 and FY 2024-25.

The MoU has been signed by Shri Manoj Joshi, Secretary, Ministry of Housing and Urban Affairs, on behalf of the Ministry and by Shri P.K. Gupta,



Shri Ravi Kumar Arora (IAS), Joint Secretary (Land & Estates); Shri Sanjeet (IRAS), Joint Secretary & Financial Advisor (MoHUA); Smt. B.K. Sokhey, Director (Finance); Shri K.P.M Swamy, Director (Commercial); Shri Saleem Ahmed, Director (Projects); Shri Pawan Kumar, Executive Director (Engg.) of NBCC during the signing.

CMD, NBCC, signed on behalf of NBCC.

Shri Ravi Kumar Arora (IAS), Joint Secretary (Land & Estates); Shri Sanjeet (IRAS), Joint Secretary & Financial Advisor (MoHUA); Smt. B.K. Sokhey, Director (Finance); Shri K.P.M Swamy, Director (Commercial); Shri Saleem Ahmed, Director (Projects); Shri Pawan Kumar, Executive Director (Engg.) of NBCC alongwith other officials of the Ministry and NBCC were present at the MoU signing event.

The MoU sets the performance targets for the Company for the FY 2023-24 and FY 2024-25 and provides the snapshot of the milestones to be achieved by the company in respect of Financial & Operational Performance Parameters.

PFC signs MoU with King George's Medical University aimed at facilitating procurement of life saving medical devices for underprivileged cancer patients

Power Finance Corporation Ltd. (PFC) has entered into an Memorandum of Understanding (MoU) with King George's Medical University (KGMU), Lucknow to facilitate the procurement of life-saving medical devices specifically aimed at assisting underprivileged cancer patients.

The MoU was formally executed in the presence Smt. Parminder Chopra, Director (Finance) and CMD (Addl. Charge), Shri R.R. Jha, Director (Projects),



Shri Parminder Chopra Director (Finance) & CMD (Addl. Chrg.), PFC and senior officials of PFC and Dr. Vijay Kumar, Head of Department of surgical Oncology, KGMU Lucknow during MoU signing.

Shri Manoj Sharma, Director (Commercial) Shri Bhaskar Bhattacharya (Independent Director), and Dr. Vijay Kumar, Head of the Department of Surgical Oncology, KGMU Lucknow.

Under the terms of this MoU, PFC has committed to providing financial assistance amounting to about Rs. 10.19 crore to KGMU. This substantial funding will be allocated to support the procurement of essential medical devices that are crucial for the

effective treatment and care of underprivileged cancer patients.

The collaboration between PFC and KGMU holds a great significance as it underscores joint commitment of these two institutions to address the healthcare needs of the underprivileged population afflicted by cancer. The financial assistance provided by PFC will go a long way in enabling KGMU to acquire essential medical devices, thereby ensuring that underprivileged cancer patients receive the necessary treatments and interventions to improve their chances of recovery.

This MoU signifies a commendable effort to bridge the healthcare gap and promote equitable access to life-saving medical technologies for those who are in need. It is expected that this collaboration will have a positive and far-reaching impact on the lives of underprivileged cancer patients, enhancing the quality of care and treatment provided by KGMU Lucknow.

REC extends Rs 4,785 Crore for HPCL Rajasthan Refinery's project in Barmer

HPCL Rajasthan Refinery Limited (HRRL) executed a loan agreement under a consortium arrangement for Rs. 48,625 crore wherein the share of REC Ltd. is ₹4,785 crore.

HRRL is setting up a green field refinery cum petrochemical complex, with a capacity of 9 MMTPA in Barmer District, Rajasthan at a Project Cost of ₹ 72,937 crore.

HRRL is a Joint Venture (JV) company of Hindustan Petroleum Corporation Limited (HPCL) and the Government of Rajasthan, incorporated on 18th September 2013. HPCL holds 74% equity stake in HRRL while the balance of 26% is held by the Government of Rajasthan.

The Project includes setting up an energy-efficient and



environment-friendly refinery cum petrochemical complex with a capacity of 9 MMTPA, setting up a pipeline for transportation of both Rajasthan Crude and imported crude, pipeline for transportation of water to the refinery site, a captive Power Plant for meeting refinery power and steam requirement, crude and product storage facilities, township and allied facilities and utilities.

The Project will be producing clean fuels such as BS-VI grade Motor Spirit (MS or Petrol) & BS-VI grade High-Speed Diesel (HSD or Diesel) and Petrochemical products such as Polypropylene, Butadiene, LLDPE, HDPE, Benzene and Toluene. The Project will cater to the increased demand of petroleum and petrochemical products in the country and the Western, Northern and Central parts of India in particular.

Mahanadi Coalfields Ltd. to provide 50 e-rickshaws to divyang in Sambalpur



Shri Rajanikanta Panigrahi, General Manager (CSR) while Shri Madanjit Hota, District Social Security Officer (DSSO), Sambalpur after signing MoU for Saksham initiative.

Mahanadi Coalfields Limited (MCL) will provide e-rickshaws to 50 'divyang' people in Sambalpur district of Odisha, under its CSR project "Saksham" which offers livelihood opportunities to the needy.

As per Memorandum of Understanding (MoU) signed with the Sambalpur Administration in this regard, MCL will provide financial assistance to the District Administration, Sambalpur for procurement of 50 E-Rickshaw to be allotted to 'divyang' people of district Sambalpur.

Besides generating sustainable self-employment to needy divyang, this CSR initiative will also promote green and clean environment by encouraging electric transport.

On behalf of MCL, the MoU was signed by Shri Rajanikanta Panigrahi, General Manager (CSR) while Shri Madanjit Hota, District Social Security Officer (DSSO), Sambalpur signed on behalf of the district administration.

NLCIL donates Fund through CSR for New Hostel Building at Odisha- foundation stone laid by Union Minister of State for Jal Shakti and Tribal Affairs

NLC India Limited has always believed in an integrated growth of society and contributed its



Shri Bishweswar Tudu, Union Minister of State for Jal Shakti and Tribal Affairs at the Foundation stone laying by NLCIL.

might towards community development through its Corporate Social Responsibility initiatives.

As part of this, NLCIL has come forward to donate Rs. 87 lakhs for construction of 60 bedded, 3 storied new Hostel building for tribal students of one of the most under developed district in Odisha. The Hostel building will come up at the Saraswati Shishu Vidya Mandir, Barada Bihar, Balimela in the Malkangiri district of Odisha.

The foundation stone for the Hostel was laid at the school premises recently by Shri Bishweswar Tudu, Union Minister of State for Jal Shakti and Tribal Affairs, at a function held at the school. Shri V. Ramachandran, Chief General Manager, CSR, NLCIL, Shri Bikram Kesari Das and Shri T. Sindhu Babu, General Managers, NLCIL, Shri Krupa Sindhu Biswal, President, Saraswathi Shishu Vidya Mandir, Parichalana Samiti Shri Saroj Kumar Samal, Principal of the School, teachers, students and the general public were present.

Shri Bishweswar Tudu said that the government is committed to the upliftment of the tribal communities and expressed his gratitude to NLCIL for its support in constructing the hostel for the benefit of tribal students. Saplings were also planted by the Minister and NLCIL officials during the occasion at the school premises.

NLCIL released first instalment of the CSR fund, to the school authorities recently. The rest of the amount would be provided at every progressive stage of the building construction.

Awards & Accolades to PSEs

NTPC Barauni ranks #1 in National Awards for Water Resources Conservation and Management



Shri Jagdeep Dhankar, Vice President of India presenting the award to Shri Gurdeep Singh, CMD, NTPC and Shri Rajeev Khanna, Head of Project, NTPC Barauni.

NTPC Barauni has achieved a significant milestone by securing the first rank in the esteemed National Awards for Water Resources Conservation and Management. The Ministry of Jal Shakti, Government of India, bestowed this accolade upon NTPC Barauni in the Best Industry Category.

The award was presented by Shri Jagdeep Dhankar, Vice President of India, to Shri Gurdeep Singh, CMD, NTPC and Shri Rajeev Khanna, Head of Project, NTPC Barauni in the presence of Shri Gajendra Singh Shekhawat, Union Jal Shakti Minister. This recognition highlights NTPC's unwavering commitment and exceptional efforts in the conservation and management of water resources.

GAIL conferred with Cost Management Awards 2022

GAIL Vijaipur has been conferred 1st place under category, "Manufacturing - Public Sector



Senior officials from GAIL receiving Award from ICAI.

– Medium in 18th National Awards for Excellence in Cost Management 2022" by The Institute of Cost Accountants of India (ICAI) organised at Vigyan Bhavan, New Delhi.

Director (Finance), GAIL conferred with Public Sector CFO of The Year



Shri Rakesh Kumar Jain, Director (Finance), GAIL receiving the award.

Shri Rakesh Kumar Jain, Director (Finance), GAIL (India) Limited was honoured with the "Public Sector CFO of The Year" award for excellence in CFO category at the 10th Edition of National Awards for Excellence in ceremony held at Taj Lands End, Mumbai.

NMDC wins ASSOCHAM Awards for Mineral Development and Employer Brand



Shri M. Jayapal Reddy, Executive Director (RP & Env), NMDC receiving award on behalf of NMDC.

NMDC won the 'Mineral Development Award' and the 'Employer Brand of the Year Award' at ASSOCHAM Business Excellence Awards 2023 in Kolkata.

Recognising NMDC's immense contribution to the mining sector, Shri Anurag Srivastava, IAS, Secretary, Industry, Commerce and Enterprise Department, Government of West Bengal presented the ASSOCHAM Awards to NMDC at the Indian Mining and Minerals Conclave 2023.

The awards were received by Shri M. Jayapal Reddy, Executive Director (RP & Env) on behalf of NMDC.

NMDC is a key player in the mineral's development. The company's state-of-the-art R&D Centre is dedicated to improve productivity, ensure zero-waste mining, and develop cutting-edge beneficiation technology.

NMDC is one of India's most dependable and respected companies. The CPSE's unique HR practices contribute to the holistic development of its employees and stakeholders making it an excellent employer brand.

Congratulating his team, Shri Amitava Mukherjee, CMD (Additional Charge) said, "As India deepens its tryst with self-reliance, NMDC as a Government of India enterprise is committed to shouldering the responsibility.

We are constantly reinventing to enhance production efficiency at various stages of our value chain and build a culture of growth in our organization."

Director (Finance), GRSE, honored with Best CFO Award at 7th CMA CFO Awards – 2022



Shri Ramesh Kumar Dash, Director (Finance), GRSE receiving the award bestowed by ICAI.

Shri Ramesh Kumar Dash, Director (Finance) at Garden Reach Shipbuilders & Engineers Ltd. (GRSE), Kolkata, has been recognized with the Best CFO Award in the category of "Public-Manufacturing-Medium-Male" at the 7th CMA CFO Awards-2022. The award, presented by The Institute of Cost Accountants of India, acknowledges Shri Dash's exceptional contributions to the financial management of GRSE.

The Best CFO Award is a testament to Shri Ramesh Kumar Dash's outstanding achievements in various areas of financial management. His implementation of innovative cost management practices has infused a culture of cost consciousness within the organization, ensuring sustainability, value creation, and preservation. Additionally, his expertise in treasury management has resulted in remarkable achievements in optimizing financial resources and operational efficiency. The recognition bestowed upon Shri Ramesh Kumar Dash as the recipient of the Best CFO Award from The Institute of Cost Accountants of India marks a significant milestone for Garden Reach Shipbuilders & Engineers Ltd.

PSEs celebrate **Swachhta Pakhwada**

EIL observes Swachhta Pakhwada 2023



Swachhta Pakhwada celebrations at EIL.



Smt. Vartika Shukla, CMD, EIL, Functional Directors and CVO of EIL during Swachhta Pakhwada celebrations.

Engineers India Ltd. (EIL) launched the Swachhta Pakhwada celebrations with a host of initiatives including awareness drive for the local community, Shram Daan to clean the near vicinity of the Office complex and distribution of hygiene kits.

On this occasion, Smt. Vartika Shukla, CMD, along with Functional Directors & CVO, administered the Swachhta Pledge to the employees. Addressing the gathering, CMD urged employees to make cleanliness a habit and offer their wholehearted participation for the Pakhwada's success and continue focused efforts in making Swachh Bharat a reality in days to come.

CMD also inaugurated hand painted murals by local artists conveying the message of hygiene and waste segregation and flagged off the Swachhta Pathgamini, a shuttle bus service with a customized swachhta message to spread the message of cleanliness & hygiene. As part of Swachhta Pakhwada initiatives, a Prabhat Pheri was also conducted at Nehru Park in Delhi to sensitize morning walkers

and local communities on the importance of cleanliness, public hygiene and sanitation.

As part of Swachhta Pakhwada celebrations during July 1 – 15, 2023, EIL organized a host of activities including cleanliness drives, workshops, weeding out exercise as well as various competitions for the employees and their family members.

'NLCIL aims to be at the forefront in cleanliness', declares CMD, NLCIL, during mass cleanliness drive as part of the Swachhta Pakhwada



Shri Prasanna Kumar Motupalli, CMD, NLCIL launching the cleanliness drive at NLCIL during Swachhta Pakhwada.

Shri Prasanna Kumar Motupalli, CMD, NLCIL declared that NLCIL would strive to stand first among all PSUs in the country in Swachhta (cleanliness). He was speaking after the mass cleanliness drive organised by NLCIL as part of the Swachhta Pakhwada (Cleanliness fortnight) organised by NLCIL.

Swachhta Pakhwada is a special initiative mooted by the Hon'ble Prime Minister as a part of the Swachh Bharat Mission, aimed at mainstreaming sanitation and cleanliness in all Ministries and departments in their programmes. It was started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhta (Cleanliness).

This year, NLCIL is observing "Swachhta Pakhwada". As part of this, a mammoth mass cleanliness drive involving all the Units of NLCIL and school children from the schools of Neyveli,

was organised recently. The cleanliness drive was launched by Shri Prasanna Kumar Motupalli, CMD, NLCIL, near the Gandhi Statue located in Main Bazaar of Neyveli Township. Shri Suresh Chandra Suman, Director (Mines & Finance AC), Shri Samir Swarup, Director (HR), Shri M. Venkatachalam, Director (Power) and Shri L. Chandrasekar, CVO participated. Representatives of Trade Unions and Associations also participated in the function.

A large number of Senior officers, employees, CISF personnel, WIPS, Indcoserve Society and Contract workers of NLCIL besides around 800 school children and Teachers took part in the mass cleanliness drive at various locations in Neyveli Township. A human chain with 4000 participants was formed to create an awareness among the public on the importance of cleanliness in society.

Later, addressing the participants, Shri Prasanna Kumar Motupalli, CMD, said that NLCIL was always at the forefront of every activity undertaken for the welfare of the people and society. Neyveli township, with thousands of trees, stands as a wonderful testimony to the commitment that NLCIL had towards conservation of nature, he said. It is the duty of every citizen to keep his or her surroundings clean. A clean India was the dream of the Father of our Nation, Gandhiji, who had even placed cleanliness above independence, Shri Prasanna Kumar said. It was a proud achievement that earlier, NLCIL secured one of the top places in the country among the PSUs in Swachhta activities.

He lauded the efforts of all Units and Departments in making the Mass Cleanliness Drive a massive success.

'Pet Bottle Recycle Machine' Installed at Film City Vending Zone, Noida under OIL's CSR Initiatives

In alignment with Swachhta Pakhwada 2023, which is being celebrated across India as a part of India's clarion call towards making Swachh Bharat Mission a Jan Andolan this year, Oil India Limited in association with Noida Authority installed and commissioned a 'Pet Bottle Recycle Machine' at the vending zone of Film City area, Sector



Shri Ranjan Goswami, CGM (PR), Oil India Ltd. inaugurating 'Pet Bottle Recycle Machine' at Noida in the presence of senior officials.

16(A), Noida. The machine was ceremoniously inaugurated by Shri Ranjan Goswami, CGM (PR), Oil India Limited in the presence of senior officials of OIL; Noida Authority; Guided Fortune Samiti - the implementing agency of the project and general public.

On the occasion, a Nukkad Natak was also staged for the general awareness of public on the usage of the 'Pet Bottle Recycle Machine' and how small steps taken by every individual may help in managing plastic waste generated in volumes from pet bottles every day.

"Initiatives like this are of utmost importance in today's world. From here on, the waste generated from pet bottles in the vending zones can now be recycled through the recycling machine. We appeal everyone to use the Pet Bottle Recycle Machine installed by Oil India Limited and make a humble difference towards environment conservation" said Shri Goswami in his address.

Personalia



Shri Vipul Goel
assumes charge as
Chairman-Cum Managing Director
of The National Small Industries
Corporation Limited.



**Commodore A. Madhavarao
(Retd.)**
assumes charge as Chairman
and Managing Director of Bharat
Dynamics Limited.



Shri Krishna Kumar Thakur
assumes charge as Director (HR) of
Bharat Heavy Electricals Limited.



Dr. B. Veera Reddy
assumes charge as Director
(Technical) of Coal India Limited.



Shri Yashpal Singh Tomar
assumes charge as Director
(Network Planning & Marketing) of
RailTel Corporation of India Limited.



Shri Sunil Prasad Singh
assumes charge as Director (Technical)
of Northern Coalfields Limited.



Shri A. B. Pradhan
assumes charge as Director
(Human Resources)
Hindustan Aeronautics Limited.



Shri Anand Kumar Singh
assumes charge as Director (Projects)
of Ircon International Limited.

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

Mangalore Refinery and Petro-chemicals Limited (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 Tonnes 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.

In recent times MRPL has taken significant steps to build its Petrochemical profile. Its 440 KTA Novolen gas-phase Polypropylene Plant can produce a complete range of homopolymer grades. Its Aromatic Complex can produce 0.905 MMTPA of

Para Xylene and 0.273 MMTPA of Benzene. This Aromatic Complex is in the Mangalore Special Economic Zone (MSEZ) and fully integrated with MRPL. MRPL has plans for the Retail business shortly. It has initiated to expand its coveted RO brand HiQ in 1000 locations in South India in the near future. Speaking on this occasion, Shri Sanjay Varma, MD, MRPL 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 Aatmanirbharata through producing Petrochemicals while effectively focusing on Environmental protection by concentrating on renewable energy solutions".



Public Sector Enterprises

Nurturing Sportstars of the Country



BPCL

Bharat Petroleum
@BPCLimited

We are proud to be associated with a galaxy of sports stars, who have dazzled the world with their performances, including one gold and five bronze medalists in olympics.



CIL

Coal India Limited
on Friday

COAL INDIA AND SBI PLAY AN EXHIBITION MATCH

Coal India Board XI and SBI played an exhibition football match. The CIL team was led by Shri Pramod Agrawal, Chairman, CIL. Shri Vinay Ranjan, Director (P&IR), Dr. B. Veera Reddy, Director (Technical), Shri Debasish Nanda, Director (Business Development), Shri Mukesh Choudhary, Director (Marketing), Shri Brajesh Kumar Tripathy, CVO, CIL, and senior executives of CIL participated in the match. The match was drawn, and Shri Debasish Nanda, Director (Business Development), was declared the man of the match.

Pralhad Joshi | Raosaheb Patil Danve | Ministry of Coal, Government of India | State Bank of India



INDIAN OIL

ChairmanIOC
@ChairmanIOCL

During my visit to Pune today, had an engaging interaction with @IndianOil's Sportstars & Sports Scholars based in the city. Their dreams & aspirations, fuelled by determination & dedication, are indeed heartening and inspiring. Passion is truly the key to success.

Delighted to felicitate champions like Yogesh Pardeshi, the reigning world carrom champion, chess Grand Master Eesha Karawade, cricketer Bhavin Radia, along with our promising scholars. It was a pleasure to acknowledge the motivation and support from veterans like Abhijit Kunte, Manjusha Kanwar and Manish Patel who continue to inspire and support the next generation of IndianOil sports stars.

Reiterated our commitment to fostering a vibrant sporting culture in India and nurturing sporting talents. Looking forward to cheering them on in their future tournaments. Keep shining, stars!

#IndianOilSportStar
#ChampioningExcellence



NTPC

NTPC Limited
@ntpclimited

Prathamesh- the new world champion in #archery sport.

We are proud of his remarkable achievement!
#IndianArchery

@india_archery @Media_SAI @worldarchery
@MundaArjun @WeAreTeamIndia

CoachSudhir @SudhirPuttivan · May 21
This is the land where great Warriors like Sri Rama, Arjuna and others roamed with their Bow & Arrows

This land has completely neglected Archery as a skill

How many of you have heard of a 19 year old Prathamesh Samadhan Javkar from India?

He is the New World champion at the... Show more





ONGC

Ashwini Ponnappa of PSPB-ONGC wins the Women Doubles trophy of the Nantes International Challenge 2023 held in Nantes, France.

Ashwini with her partner defeated Chinese Taipei pair 2-0 (21-15, 21-14)

Congratulations @P9Ashwini @ONGC



SAIL

Steel Authority of India Limited
168,037 followers
21h

+ Follow

The entire Steel Authority of India Limited family is proud of the stupendous achievement of Ms. Anshika Kumari Singh, a cadet of #EklavyaArcheryAcademy of #SAIL at Kiriburu. SAIL runs academies in different games & sports at various locations to spot & nurture young talents in India.

#Proud moment for us as our cadet of #EklavyaArcheryAcademy Ms Anshika Kumari Singh has won #gold in 3rd #KheLoIndia university #games 2022 !!!

#Archery #steel Ministry of Steel



RINL

RINL @RINL_VSP · 3h

Indian Cricketer Sri K.S.BHARAT @KonaBharat was felicitated by Sri Atul Bhatt, CMD, RINL along with other Directors & CVO #RINL on his elevation to the Indian Test Cricket Team. @JM_Scindia @fskulaste @BCCI @SteelMinIndia @Officejmscindia @PibSteel @AndhraPradeshCM



1 11 313

NHPC Limited @nhpcld

NHPC

NHPC sports scholar Sh. Navdeep & Ms. A. Nalini, SM (Finance), #NHPC won Gold medal in Javelin & Bronze Medal in Discus Throw respectively in 5th Indian Open Para Athletics International Championship 2023 held from 5th May to 7th May '23 at Bengaluru. #parasports #Athletics A^B



Source: Twitter & others

World class facilities need to be provided to players to win olympic medal, says REC CMD

REC supported Junior Shuttlers set for Badminton Junior Asia Championships in Indonesia



Shri Vivek Kumar Dewangan, CMD, REC; Senior officials from REC and Indian junior squad at Tau Devikal Stadium.

As Indian junior squad left for Badminton Asia Junior Championships, Shri Vivek Kumar Dewangan, CMD, REC said, "The target is to groom and nurture our young players right from sub-junior level. We have to identify the talent and provide them world class training facilities and environment so that they can bring medals under Target Olympic Podium Scheme (TOPS)."

He was speaking in Tau Devikal Stadium in Panchkula where

Indian junior shuttlers were trained for 2 weeks to get ready to leave for the Badminton Asia Junior Championships, held in Indonesia.

REC Limited provided the support to the Indian team for preparing for the Championship, as a part of its CSR assistance of ₹100 Crore to the National Sports Development Fund.

Speaking on the occasion, Shri Sanjay Mishra, General Secretary, Badminton Association of India

(BAI) expressed his gratitude towards REC Limited and said, "We at BAI are extremely delighted to welcome REC Limited and Shri Vivek Kumar Dewangan (REC CMD) to the badminton family."

As part of this partnership with REC Limited, BAI aims to boost development and training programmes that will help in achieving excellence while driving grass-roots projects and necessary support systems for badminton in India.

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)

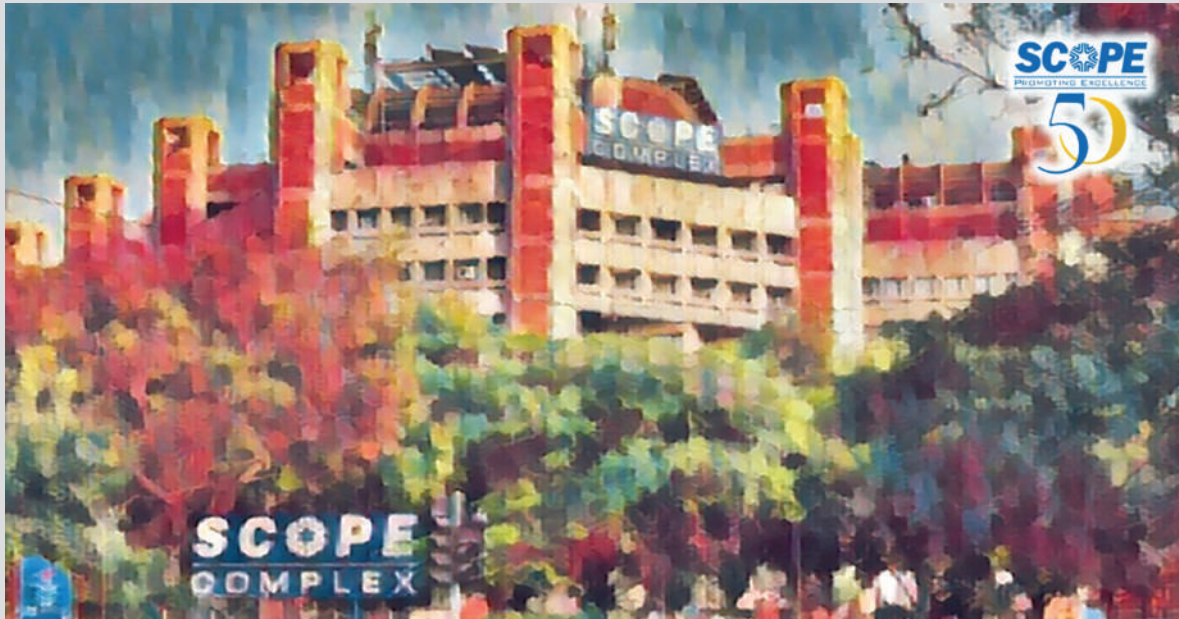
Mob: 9873398242

Mr. Nishant Kumar

Manager

Mob: 9953046060

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



PSU Club Facility at SCOPE Complex

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

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

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



Mr. Shubh Ratna, GM (Tech. & HR), SCOPE

(Mob: 9873398242),

shall be available for any further clarification/information on the subject.

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