



# **KALEIDO** **SCOPE**

STANDING CONFERENCE OF PUBLIC ENTERPRISES

HON'BLE MoS,  
HI & PE VISITS  
SCOPE



**SCOPE & IOE Geneva to build  
Sustainable Business Environment**

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## **KALEIDOSCOPE** STANDING CONFERENCE OF PUBLIC ENTERPRISES

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## CHAIRMAN'S DESK



India remains on the growth trajectory and the government has recently taken several initiatives that would prove to be beneficial for the economy in the long run. The Government has set an ambitious target of becoming a five trillion dollar economy and Public Sector Enterprises (PSEs) are at the forefront to ensure that India's growth story continues for the benefit of people at large. SCOPE, on its part, has given top priority to issues of national importance and beneficial to PSEs. SCOPE is also in regular touch with the policy makers and recently Hon'ble Minister of State for Heavy Industries & Public Enterprises and Parliamentary Affairs, Shri Arjun Ram Meghwal visited SCOPE where he was briefed

about SCOPE's activities and its future role. The Hon'ble Minister was appreciative of SCOPE's role and advised it to take more proactive role in the agenda of nation building.

SCOPE, as an apex body of PSEs has accorded top priority to the enrichment of human capital, leadership development and creating awareness about the need to sustained environment. To develop an appreciation of the challenges and opportunities inherent in the Board Level appointments in public sector, SCOPE in association with PESB, is conducting a National Workshop on "Succession Planning for Board Level Positions" to better prepare senior executives of PSEs for Board Level positions. Besides, SCOPE is planning programmes on Climate Change, Companies Act, Arbitration and Health.

SCOPE is continuously striving to help PSEs to achieve newer heights. I am confident that SCOPE and PSEs together will help India to become a major player in global platform and establish itself as an epitome of excellence.

  
**Rakesh Kumar**  
Chairman, SCOPE



Mr. Atul Sobti, DG, SCOPE

## Message by Director General, SCOPE

**I**t gives me immense pleasure to greet the readers of KALEIDOSCOPE after assuming charge as Director General of Standing Conference of Public Sector Enterprises (SCOPE).

**At the outset, I wish you a very happy and prosperous Deepawali. May this festival of lights bring joy, happiness, new and better opportunities in your lives.**

Today the business scenario is changing at an unprecedented pace concomitant with technological changes. These changes have profoundly

impacted business processes, activities and the dynamics of the organisations including Public Sector Enterprises (PSEs). SCOPE as an apex body of PSEs is also reorienting and reinventing itself in tune with the changing times in order to meet the aspirations of its stakeholders. SCOPE is relentlessly striving for a conducive environment, for both employers as well as employees, in PSEs. In one such effort, Secretary General of International Organisation of Employers (IOE) visited SCOPE to discuss future of work in light of business and technological disruptions taking place globally. SCOPE and IOE are identifying key areas to work upon and share best practices among corporates.

SCOPE is also making efforts to have interactions with policy makers and statutory bodies to

seek their guidance and advice on matters of paramount importance to PSEs. Recently Hon'ble Minister of State for Heavy Industries & Public Enterprises and Parliamentary Affairs, Shri Arjun Ram Meghwal, visited SCOPE and advised it to promote the agenda of nation building more proactively.

A series of need based programmes have been planned for the benefit of executives of PSEs including Workshop on Succession Planning for Board Level Positions, Climate Change, Companies Act, Arbitration and Health. I look forward to your views and suggestions to conceptualize new initiatives, programs and plans to make SCOPE a more vibrant and dynamic body to serve the interests of its member enterprises.

I am sure, coherent efforts of all will help SCOPE and PSEs to enhance their contribution in realising the vision of New India.

**Atul Sobti**

Director General, SCOPE

### PROGRAMMES LAUNCHED

- Advanced Global Leadership Program in association with IIM-Kolkata
- SCOPE-APSE- Executive Development Program
- SCOPE ILO-Network of Champions
- Health talk on Prostate Cancer

### PROGRAMMES IN OFFING

- National Workshop on Succession Planning for Board Level Positions
- Programme on Arbitration
- Programme on Companies Act
- Programme on Climate Change

## SCOPE to Actively Promote the Agenda of Nation Building - Hon'ble MoS, HI&PE and Parliamentary Affairs



Hon'ble Minister of State for Heavy Industries & Public Enterprises and Parliamentary Affairs, Mr. Arjun Ram Meghwal with Director General, SCOPE, Mr. Atul Sobti.

Hon'ble Minister of State for Heavy Industries & Public Enterprises and Parliamentary Affairs, Mr. Arjun Ram Meghwal visited Standing Conference of Public Enterprises (SCOPE) headquarters at New Delhi. He was welcomed by Mr. Atul Sobti, Director General, SCOPE. Mr. Sobti apprised him about SCOPE's activities, recent initiatives taken by it and the future plans. The

Hon'ble Minister was appreciative of the new initiatives being taken by SCOPE and advised SCOPE to play an active role in promoting the agenda of nation building and explore new areas of capacity building through corporate governance, environment protection, areas of social upliftment, research & development etc.



Hon'ble Minister of State for Heavy Industries & Public Enterprises and Parliamentary Affairs, Mr. Arjun Ram Meghwal interacting with the employees of SCOPE.

## SCOPE's Image Building Initiatives



Mr. Pralhad Joshi, Minister of Coal & Mines and Parliamentary Affairs, Mr. Rakesh Kumar, Chairman, SCOPE & CMD, NLCIL and other dignitaries at the 7th Round Table Conference held on the theme "Indian Coal; Potential & Diversification".



DG, SCOPE, Mr. Atul Sobti participating in the Grand Jury Meeting of the Golden Peacock Awards, instituted by Institute of Directors.

- **Mr. Atul Sobti, Director General, SCOPE was the Guest of Honour at Dr. APJ Abdul Kalam Awards 2019. He addressed the function and presented Awards to the Winners.**
- **Director General, SCOPE Mr. Atul Sobti addressed the Seminar on Economic Development organized by Institute of Economic Studies. He was also awarded the Udyog Rattan Award.**

# SCOPE in Media

**The Indian EXPRESS** 28.09.2019

SCOPE welcomes the announcement by Finance Minister to boost the Indian economy through various measures including reduction of Corporate tax rate and expanding list of CSR activities. Recent past has seen a series of progressive measures by government to ring positivity in the economy. SCOPE, the apex body of public sector enterprises, believes that the measure announced by the Government in terms of reduction in corporate tax rate is also likely to encourage investments in Make in India particularly in the manufacturing sector. This would lead to increased economic growth and creating employment opportunities.

**The Indian EXPRESS** 28.09.2019



**VISIT-SCOPE**  
MoS HI & PE & PA, AR Meghwal was welcomed by SCOPE during his visit to SCOPE's headquarters in New Delhi. Sobti apprised him about SCOPE's activities and the future plans.

**The Statesman** 01.10.2019

## SCOPE AGENDA OF NATION BUILDING



Minister of State for Heavy Industries & Public Enterprises and Parliamentary Affairs Arjun Ram Meghwal with Atul Sobti, Director General, Standing Conference of Public Enterprises (SCOPE) in New Delhi. Sobti apprised minister of SCOPE's activities, initiatives and the future plans.

**hindustantimes**



Atul Sobti, Director General, SCOPE, welcomed Roberto Saurez Santos, the Secretary General of International Organisation of Employers (IOE), Geneva at SCOPE Headquarters. During the meeting, which was attended by senior representatives from public sector enterprises, fruitful discussions were held on various employment and policy issues.

अमर उजाला

## उद्योग

जगत

स्कोप और आईओई जेनेवा साथ काम करेंगे



नई दिल्ली। स्टैंडिंग कॉन्फ्रेंस ऑफ पब्लिक एंटरप्राइजेज (स्कोप) के डायरेक्टर जनरल अतुल सोबती ने मुख्यालय में इंटरनेशनल ऑर्गनाइजेशन ऑफ एंप्लॉयर्स (आईओई) जेनेवा के सेक्रेटरी जनरल रोबर्टो सौरेज सेंटोस का स्वागत किया। आईओएल, यूएन, जी-20 और अन्य उभरते मंचों पर आईओई दुनियाभर के नियोजताओं का प्रतिनिधित्व करती है। दोनों के बीच हुई बैठक के दौरान सार्वजनिक क्षेत्र की कंपनियों के उच्चाधिकारी भी मौजूद थे। इस बैठक में नियोजन और नीतिगत विषयों पर चर्चा हुई। इस दौरान स्कोप और आईओई ने समान रुचि वाले क्षेत्रों में मिलकर काम करने का फैसला लिया।

**FINANCIAL EXPRESS**  
Road to Lead

06.10.2019



**TRIBUTE-SCOPE**  
SCOPE paid floral tribute to Mahatma Gandhi, the father of the Nation at SCOPE Convention Centre, New Delhi. On this occasion, Atul Sobti, DG, SCOPE garlanded the statue of Mahatma Gandhi and also planted saplings at SCOPE HQ.

millenniumpost

MILLENNIUM POST | New Delhi | Wednesday, 23 September 2019

**COMMERCE MEETING OF COAL**

## Govt identifying coal blocks for auctions: Pralhad Joshi

Besides, the process for auction of 42 mines to domestic PSUs is also on to work up output

**7th Roundtable Conference on Coal**  
"Trends, Challenges and Opportunities"

Govt trying to negotiate with striking CIL, SCCL workers; things to normalise soon, says Joshi

hindustantimes

## Arjun Ram Meghwal visits SCOPE headquarters

Minister of State for Heavy Industries and Public Enterprises and Parliamentary Affairs, Arjun Ram Meghwal was welcomed by Atul Sobti, Director General, Standing Conference of Public Enterprises during his visit to SCOPE's headquarters in New Delhi. Sobti apprised him about SCOPE's activities and future plans.

### SCOPE, IOE to work together to strengthen Sustainable Business Environment



Director General, Standing Conference of Public Enterprises, Atul Sobti welcomed Roberto Saurez Santos, Secretary General of International Organization of Employers (IOE), Geneva at SCOPE Headquarters. IOE is the representative of global employers in ILO, across the UN, G20 and other emerging forum areas of business in social and employment policy meeting, which was attended by senior representatives of Public Enterprises. Fruitful discussions were held on employment and policy issues. SCOPE and IOE intend to work in future on areas of common interests.

**SCOPE और IOE जिनिवा मिलकर काम करेंगे**

- वि, नई दिल्ली : SCOPE के महानिदेशक अतुल सोबती ने इंटरनेशनल ऑर्गेनाइजेशन ऑफ एम्प्लॉयर्स (IOE), जिनिवा के महासचिव रोबर्टो सुआरेज सान्तोस का हेडक्वार्टर्स में स्वागत किया। बैठक के दौरान पब्लिक सेक्टर एंटरप्राइजेज के वरिष्ठ प्रतिनिधियों ने विभिन्न रोजगार और रणनीतिक मुद्दों पर मंथन किया। SCOPE और IOE ने समान हितों के क्षेत्र में मिलकर काम करने पर सहमति जताई।

कॉर्पोरेट कॉर्नर



हिन्दुस्तान



**WELCOME-SCOPE**

DG, SCOPE, Atul Sobti welcomed Roberto Saurez Santos, the Secretary General of International Organization of Employers (IOE), Geneva at SCOPE Headquarters. IOE is the representative of global employers in ILO, across the UN.



**WELCOME-SCOPE**

DG, SCOPE, Atul Sobti welcomed Roberto Saurez Santos, the Secretary General of International Organization of Employers (IOE), Geneva at SCOPE Headquarters. IOE is the representative of global employers in ILO, across the UN.

The Indian EXPRESS Sun, 20 October 2019  
epaper editions epaper.india

FINANCIAL EXPRESS Sat, 19 Oct 2019  
READ TO LEAD epaper.fin

## SCOPE, IOE to work together to Strengthen Business Environment

Standing Conference of Public Enterprises has been relentlessly working toward creating a sustainable business environment for Public Sector Enterprises. To do so, it has been in touch with policy makers, statutory bodies and organizations of International repute. In one such effort, the Secretary General of International Organization of Employers (IOE), Mr. Roberto Saurez Santos visited the SCOPE headquarters. He was welcomed by the Director General, SCOPE, Mr. Atul Sobti. IOE is the sole representative of business in social and employment policy debate taking place in the ILO, across the UN, G20 and other emerging forums. DG, SCOPE apprised Mr. Santos about SCOPE's role in the context of Public Sector Enterprises in India. Mr. Sobti mentioned that Skill Development, Gender Empowerment and Environment Protection are the core issues



Group Photograph of Director General, SCOPE, Mr. Atul Sobti along with Secretary General, IOE, Mr. Roberto Saurez Santos and other senior officials from PSEs and SCOPE.

that Indian organisations have to take up aggressively. Senior Executives of PSEs & SCOPE were also present on the occasion. They were of the view that SCOPE and IOE should involve in knowledge sharing as it could lead the way for the public sector. Secretary General, IOE explained the role of IOE in promoting the employers' cause and how they are focusing on soft skill development to prepare the workforce for future

of work. He mentioned that IOE will look forward to work with SCOPE. SG, IOE was accompanied with Mr. Rajeev Dubey, Member, Governing Board, IOE.

DG, SCOPE and SG, IOE had a constructive discussion on employment and policy issues that could strengthen the environment in which businesses work. SCOPE and IOE have mutually agreed to work in future on areas of common interests.



Director General, SCOPE, Mr. Atul Sobti along with Mr. Saptarshi Roy, Director (HR), NTPC, Mr. S. A. Khan, GGM (Corp. Affairs), SCOPE and other senior officials of SCOPE.



Secretary General, IOE, Mr. Roberto Saurez Santos accompanied with Mr. Rajeev Dubey, Member, Governing Board, IOE.

# DG, SCOPE awarded the Udyog Rattan Award

**M**r. Atul Sobti, Director General, SCOPE has been awarded the Udyog Rattan award by Institute of Economic Studies for his immense contribution in the field of economic development of country. Prior to joining to SCOPE, Mr. Sobti was the CMD of Maharatana Public Sector, BHEL. He has a wide-ranging experience in areas of marketing, business development, project management, manufacturing, operations, international business and strategic management. He had been on several National and International level committees/sub-committees of trade, industry & economic



Mr. Atul Sobti, Director General, SCOPE receiving the Udyog Rattan Award.

associations and CEO-level global forums. On the occasion, Mr.

Sobti also addressed the event on economic development.

# SCOPE Pays Tribute to Mahatma Gandhi



Mr. Atul Sobti, Director General, SCOPE paying respect to Mahatma Gandhi along with the officials of SCOPE.

**S**tanding Conference of Public Enterprises (SCOPE) paid floral tribute to Mahatma Gandhi, the father of the Nation on 2<sup>nd</sup> October 2019 at SCOPE Convention Centre, New Delhi.

On this occasion, Mr. Atul Sobti, Director General, SCOPE garlanded the statue of Mahatma Gandhi and also planted saplings at SCOPE Headquarters.

# Interface with Stakeholders



DG, SCOPE, Mr. Atul Sobti met Mr. Sudhir Bhargava, Chief Information Commissioner.



Mr. Virjesh Upadhyay, General Secretary, Bhartiya Majdoor Sangh met DG, SCOPE, Mr. Atul Sobti and discussed various issues related to labour reforms.

- DG, SCOPE, Mr. Atul Sobti, represented the employer side in a meeting on "Revision of monthly wage ceiling for the purpose of calculation of compensation under the Employees' Compensation Act, 1923" chaired by Mr. Santosh Gangwar, Hon'ble MoS (I/c), Labour and Employment.
- Mr. Atul Sobti, DG, SCOPE met Secretary, Department of Heavy Industry, Dr. A. R. Sihag holding additional charge as Secretary, Department of Public Enterprises.

## DG, SCOPE Presents **Dr. APJ Abdul Kalam Awards**



(L to R) Mr. Atul Sobti, Director General, SCOPE addressing the Dr. APJ Abdul Kalam Awards function and presenting the Award to one of the winners.

**D**irector General, Standing Conference of Public Enterprises (SCOPE), Mr. Atul Sobti and Guest of Honour addressed the Dr. APJ Abdul Kalam Awards Ceremony and presented the awards to the winners

in a function held on 12<sup>th</sup> October 2019 at Constitution Club, New Delhi. The function was organized by Deshabhimani Charitable Society in association with Bright Group of Publications. While addressing the function, Mr. Atul Sobti, DG, SCOPE

said that Dr. APJ Abdul Kalam was known for his tenacity, hard work and a never ending thirst for knowledge. These are the qualities that are required by the young India in today's environment.

# SCOPE Promotes Health Awareness in Public Sector



1. Mr. Atul Sobti, Director General, SCOPE addressing public sector employees. 2. Mr. Atul Sobti, DG, SCOPE presenting memento to Padma Shri Dr. P. K. Julka. 3. Padma Shri Dr. P.K. Julka giving his health talk on prostate cancer.

Standing Conference of Public Enterprises (SCOPE) in order to promote health awareness about prostate cancer amongst the employees of Public Sector Enterprises (PSEs), invited renowned doctor, Padma Shri Dr. P.K. Julka, Former Dean & Professor, AIIMS and presently, Sr. Director, Max Institute of Cancer at its headquarters. Mr. Atul Sobti, Director General, SCOPE welcomed Dr. Julka. Mr. Sobti mentioned that SCOPE conducts diverse programs, health

talk being one of the primary event. DG, SCOPE highlighted the benefit of a healthy lifestyle especially in the working environment as it directly affects the organizational efficiency.

Dr. Julka in his talk said that cancer is becoming epidemic and it is a problem not only in developing countries, but developed countries are also dealing with it. Ignorance leads cancer to become terminal as patients come at later stages, he added. Dr. Julka advised that cancer is not

confined to a particular age and preventing it is better that detecting and treating it. Dr. Julka went on to explain the cause, remedies about Prostrate Cancer. Mr. P. K. Sinha, AGM (HR&CC), SCOPE proposed the vote of thanks. He mentioned the initiatives taken by SCOPE to promote health awareness amongst member enterprises. He also thanked all the stakeholders, and Dr. Julka for their constant support. The health talk was attended by large number of public sector employees.

## Programs by SCOPE in Offing

Programs Scheduled	Date & Venue	Contact Person
National Workshop on Succession Planning for Board Level Positions	7 <sup>th</sup> -8 <sup>th</sup> November 2019 SCOPE Convention Centre, Lodhi Road, New Delhi	R. K. Vasudeva (9810189108) Hema Koul (9899362335) e-mail: scopecfd@yahoo.in
Recent Changes under Companies Act 2013	3 <sup>rd</sup> December, 2019 SCOPE Convention Centre, Lodhi Road, New Delhi	Saqib Mehdi (9868260296) Shashi Bala Mathur (011- 24362604/ 24360661) mehdisaqib@yahoo.co.in /mathur.shashi56@gmail.com
Seminar on Challenges & Management of Arbitration	December, 2019 SCOPE Convention Centre, Lodhi Road, New Delhi	Details to be Announced Soon
Climate Change	December, 2019 SCOPE Convention Centre, Lodhi Road, New Delhi	
International HR Summit	February, 2020 SCOPE Convention Centre, Lodhi Road, New Delhi	

To know about upcoming Events of SCOPE, follow this section

# How to Effectively Manage Investor Relations



**Nitin Mantri**  
CEO  
Avian Media

The key to a successful business often lies in the important conversations that are struck between the investors of a company and its stakeholders. The conversations that are peppered with significant information, provided voluntarily, are often key elements in all kinds of stock market operations. The success and growth of a company is often defined by the investors behind it, and this is what calls for transparent and healthy relations between the organisation and investors. The seeds of consistent operational success are planted in effective and honest communication with investors and can stand the organisation in good stead in the long run. With the advent of the digital era, there has been a tectonic shift in communications in general. However, the core methods of building robust relations have remained intact.

As organisations have expanded and learnt to cope with evolving modes of communication, the investor relations (IR) department has become an important and indispensable part of every company. Shuttling between finances, security compliance and communication, the department has

to constantly be on its toes. From updating shareholders on phone and email to keeping tabs on the investor websites to working with analysts, the investor relations department must effectively manage communications to ensure the success of a company.

A great investor relations expert can help the company achieve the correct price of shares and take the company to newer heights. Most investor relations professionals are responsible for conveying the fundamental value of a company by providing financial information on time and accurately to investors. The timely dissemination of information also opens doors for better feedback to the board and timely framing of policy. Above everything, the main goal of every investor relations strategist is to convince investors that their stocks are of high quality and will record stable growth which might increase steadily every year. As a powerful resource, investors can not just provide capital but also more objective insights into opportunities and obstacles that might come in a company's way. Here are a few ways in which investor relations can be effectively managed.

## Ways to effectively manage investor relations

### It's a teamwork

Most investors might not be interfering in the daily activities of an organization, but once in a while they would want to know what is going on with their shares and whether at all they made the right financial decision. It's essential to remember that they are in the same team and initiating a conversation with them on the risks that they are ready to take might help the company in the long run. Their objective decisions might stem from their professional expertise and this can help the organisation in understanding their thoughts before aligning decisions accordingly. It is advisable to not compromise on transparency and candour when it comes to discussing the situation, needs and goals of a company.

### Understanding your investors

There are different kinds of investors and stakeholders and the key to a robust communication system lies in understanding who your investors are. A company can understand the nature of an investor well by analysing the investment decisions he took

during tough phases. There are investors who prefer to take a hands-on approach to the decisions and activities of the company and then there are those who would maintain a safe distance. For the latter, it is necessary to convey financial information at regulated intervals. In case of any difficult phases, these investors might help to adjust the sails accordingly if they know what has been going on with the company.

### Research is the name of the game

In-depth analysis can go a long way in framing the right decisions. If it is important to gain and sustain the investors' attention, then it is necessary to persuade them about the company's objectives and potential. This requires accurate data, statistics and thorough research about the future plans. It is never enough to know just about your company, but also about the rival companies, the economy and the industry. Most of the times investors have been in the professional fields long enough to know which way the tide goes. Therefore, it is important to know what is being pitched to them in and out. Investors like to know that the relations department knows its job, is well-informed and proactive about everything that is going on in the company. While reports need to be thorough and timely, presentations during meetings with investors also should spell research and substance in clear terms.

### Adopting the right attitude

Those who have invested money in a company, might not want to deal with arrogance or condescending tones from the

A great investor relations expert can help the company achieve the correct price of shares and take the company to newer heights. Most investor relations professionals are responsible for conveying the fundamental value of a company by proving financial information on time and accurately to investors. The timely dissemination of information also opens up doors for better feedback to the board and timely policy framing.

employees at the end of the day. A company might go through rough patches but that is when leaders and internal stakeholders have to prove their mettle as leaders to the investors. Every investor needs to be reminded time and again why the investment was worth it and sustaining their attention should be the company's focus. Nothing beats knowledge, research and confidence in a leader and this can help instill faith among the investors. Financial presentations can be more interactive with the right context, graphs and lucid text. The demonstration will open up space for interaction with the investors and ensure that they grasp the details and do not have to go through tedious pages of financial reports.

### Technology can make a big difference

With Artificial Intelligence (AI), social media and big data spurring the industry to take giant strides, the industry has witnessed a paradigm shift in recent years. Investor relations are no more restricted to telephonic conversations or time-consuming meetings across cities. CEOs become more approachable through social media and interactions on the virtual media help to gain more constructive feedback. Webcasts, CRMs and corporate platforms often help investor relations department to be more productive, giving them an edge over the others. Investor relations team should never compromise on their research to figure out how technology can help enhance efficiency by saving time in improving relations. Many IR departments also use social media platforms to address customer grievances and resolve issues at the earliest.

The modes and channels of communications are constantly evolving and it is interesting to see how these changes impact different industries and significant professional relations. While artificial intelligence and disruptive technology has made things unpredictable, digital transformation in general bodes a new future for the sector of investor relations. As investor relations improve by leaps and bounds in the digital age, it is upon us to be more responsible in our interactions with investors and stakeholders and to avoid any kind of miscommunication. Digitisation might be the new dawn but human interactions and efforts to sustain relations and achieve optimum results through constructive criticism will always be important. ■

# Environmental Disclosure Practices

## A Study on BSE-Sensex Companies in India



**Dr. S K Gupta**  
MD & CEO  
IPA of Institute of Cost  
Accountants of India

In the last few years, there has been a growing awareness of the need to discover the art of living in harmony with nature. It is also realized that the environment is not a permanent asset. Rapid industrialization, in spite of its positive effect on economic development has very seriously threatened the world's natural environmental balance. Concern and commitment for preservation of the environment is one of the crucial tenets in today's corporate social responsibility. In order to sustain in this competitive world progressively increasing number of corporate bodies globally are incorporating the aspects of environmental protection efforts in their business operations and their disclosures for organizational transparency and stakeholder accountability. The study has been undertaken with a view to identifying the existing status of environmental disclosure practices followed by BSE-Sensex companies in India.

### Corporate Environmental Reporting

"Environment", in general refers to surroundings of an object. Today the corporate world is

facing the Environmental reporting is a process of preparing and communicating environmental activities of a business to its stakeholders. Environmental disclosure and reporting is an extension of environmental accounting and it means communicating environmental activities of corporate entities to the various stakeholders.

### Objectives of Environmental Disclosures

- To gain legitimacy from the external stakeholders.
- To maintain transparency and accountability of good corporate governance.
- To enhance and sustain corporate credibility & reputation.
- To enhance stakeholder value in the long run.
- To promote linkages between corporate, social and financial performance.
- To attract the green investors.

### Objective of the study

The objectives of the study is to identify the existing status of environmental disclosure practices followed by BSE-Sensex companies in India

### Data and Methodology

For the purpose of this study the information relating to environmental reporting practices of the BSE-Sensex companies as on 30th June, 2019 was accessed from the website(s) of the companies and the BSE. The sections of the annual report such as Director's Report, Business Responsibility Report, Management Discussions and Analysis were searched and sifted for sourcing the information relevant for the study.

### Environmental Disclosures – Legal framework in India

There are many laws and regulations in the country which deal with disclosure of environmental information by the companies.

SEBI has mandated the requirement of submission of Business Responsibility Report ('BRR') for top 500 listed entities under Regulation 34(2) (f) of SEBI (Listing Obligations and Disclosure Requirements) Regulations 2015 ("SEBI LODR") which inter-alia provides that Business should respect, protect, and make efforts to restore the environment.

- Disclosure under Companies Act, 2013:

- DPE Guidelines on CSR and Sustainability, 2013

Under the DPE guidelines on CSR and Sustainability 2013 a Memorandum of Understanding (MoU) is entered between Central Public Sector Enterprises (CPSEs) and Government Ministries under which targets are defined for Central Public Sector Enterprises and a fix percentage of revenue is kept for social and sustainable development.

- The Environment (Protection) Act of 1986
- Reserve Bank of India (RBI)

In 2007, RBI issued a notice to all commercial banks in the country asking them to follow concepts of corporate social responsibility (CSR) and sustainable development as RBI felt that there is lack of awareness among the Indian public relating to sustainability issues and commercial banks can play important role in making public aware regarding issues and human rights.

### Environmental Disclosure practices in India

From the study of annual reports and information available on the websites of the sample companies it is evident that all the BSE-Sensex companies are sensitive to the environmental issues and concerns and have duly complied with the requirements of the listing agreement regarding environmental disclosures in the Business Responsibility report as part of Director's Report. However, important fact is that the place where environmental disclosures are made is not uniform. Companies have reported such information either /

**Table 1: Where environmental disclosures are made**

In Directors report	30 (100%)
In separate Sustainability report only	Nil
In Management discussions and analysis only	Nil
In directors report and Management discussion & analysis	12(40%)
In separate sustainability report and directors report	3(10%)
In directors report, management discussion analysis and sustainability report	3(10%)

Source : Annual reports / websites of sample companies

and in the director's report, in sustainability report, in management discussion analysis report. Table I reflects the distribution of environmental disclosures of the sample companies. From the study, it reveals that 100% of sample companies reported such information only in the directors' report. Contrary to that 40% of the sample companies reported such information in directors' report and management discussion & analysis report and 10% of sample companies reported environmental information in directors' report as well as separate sustainability report. Study reveals that 10% of the sample companies reported such information in directors' report, management discussion & analysis and separate sustainability report. Such variation in the structure and format of environmental disclosures distorts the utility of the information for the stakeholders as it leads to information being available at different places and in many cases there is repetition of information. Table 1 depicts a summary of the place for environmental disclosures chosen by the sample companies.

### Themes of information reported

The analysis of environmental disclosures by the companies reveals that conservation and management of water is considered as one of the important issue. Study reveals that 60% of the sample companies disclosed their efforts for conservation of water. Under this area they reported their efforts about recycling and reuse of water, recharge of ground water by rain water harvesting and efforts made for reduction of water consumption. Energy consumption is another important issue for business. Due to progressively increasing consumption of energy, not only the energy reserve of the earth is sinking but it is also leading to environmental degradation. The solution to that lies in the reduction of energy consumption and use of renewable source of energy. 40% of the sample companies reported about their efforts to generate and use renewable source of energy like wind energy, bio-diesel etc. Only few sample companies have shared information about amount of such power generated / used by the company. Another important issue in the environmental

degradation is the management of waste generated by the Business units. Proper waste management is necessary to protect the environment. 50% of the sample unit have reported about their efforts regarding management of waste by reduction, recycling and re-use of waste. Deforestation is one of the important issues for environmental imbalance. Due to establishment of industrial units, green coverage has been sinking which may be one of the causes of ecological imbalances. It is the duty of business to spend some amount of revenue to create and conserve the green belt. It is noticed that 66.67% of sample unit have reported that they made efforts to increase the green belt and conservation of bio-diversity. However, such information is not supported or corroborated by the amount of money spent for such initiatives. Another important issue of environmental degradation is global warming. The global warming has been increasing due to emission of greenhouse gases. The study reveals that

26.67% of the sample companies have reported about their efforts to reduce emission levels as their environmental initiatives. Most of the companies reported that they made efforts to reduce emission level with improvements in production process and use of improved technology. 9% of the sample companies have disclosed their efforts in choosing energy efficient technologies. 20% of the sample companies promoted green themed events and 10% of the sample companies engaged in green marketing activities. Table 2 depicts a summary of the environmental disclosure themes used by the sample companies.

From the analysis of the environmental disclosure practices of BSE-Sensex companies in India it is clear that the companies are widely disclosing environmental protection efforts in their annual report, however, there is a wide variation in respect of the place of environmental disclosures and also the theme selected for disclosure. Another important fact is that most of the environmental

disclosure information is non-quantitative in nature. Only few sample companies (4) have provided quantitative environmental disclosures i.e. percentage of reduction of carbon footprint and emission of greenhouse gases in comparison to previous year. It is also pertinent to note that no information has been found in the annual reports of the sample companies about recognition of environmental expenses and liability in financial information of the business. Moreover, environment protection initiatives may have financial implications which may be positive or negative, which need to be properly recognized in the financial information to provide a true and fair view of the financial results and state of affairs of the business.

## Conclusion

The study of environmental disclosure practices of BSE-SENSEX companies, concludes that, though environmental disclosures have progressively and markedly improved in corporate reporting in India, it still lacks in terms of comparability and verifiability and accordingly the information is yet to gain centrality in corporate decision making and reporting process. Wide variation is noticed in the style, structure and place of reporting and environment theme the companies selected to report. Most of such environmental information reported by the companies is found to be non-financial. The information on money spent for such initiatives and its material effect on financial results is grossly missing. ■

**Table 2: Themes of environmental disclosures**

Nature of information	Number of companies
Water preservation /re-cyling	18 (60%)
Use of renewable sources of energy	12 (40%)
Waste Management and recycling	15 (50%)
Bio- diversity conservation and generation of green belt	20 (66.67%)
Effort to reduce green gas	8 (26.67%)
Choosing energy efficient technologies	9 (30%)
Green themed events	6 (20%)
Green marketing	3 (10%)

Source : Annual reports of sample companies

# Regulatory Framework on Group Insolvencies - A need of the hour



**CS Alka Kapoor**  
Chief Executive Officer  
ICSI Institute of  
Insolvency Professionals

**B**usiness Groups are an important part of a nation's economy and also a major contributor to its GDP. As reported, in India, 90% of the businesses are family-owned and are part of a group.

Since the existence of Group Companies in India is a matter of fact, the need for providing a regulatory framework to deal with Group Insolvencies is more of a necessity now. The need has been felt in the existing Corporate Insolvency Resolution cases and different benches of National Company Law Tribunal (and the Appellate Tribunal) are already dealing with it. For instance, in the case of Videocon Group, the Insolvency proceedings were initiated in June 2018 in respect of 14 companies belonging to the Group, and in January, 2019, on an application made by the RP, The NCLT (Principal Bench) had directed to transfer all the pending proceedings to NCLT (Mumbai Bench).

The Resolution Professionals (RPs) had sought procedural consolidation to be followed wrt the

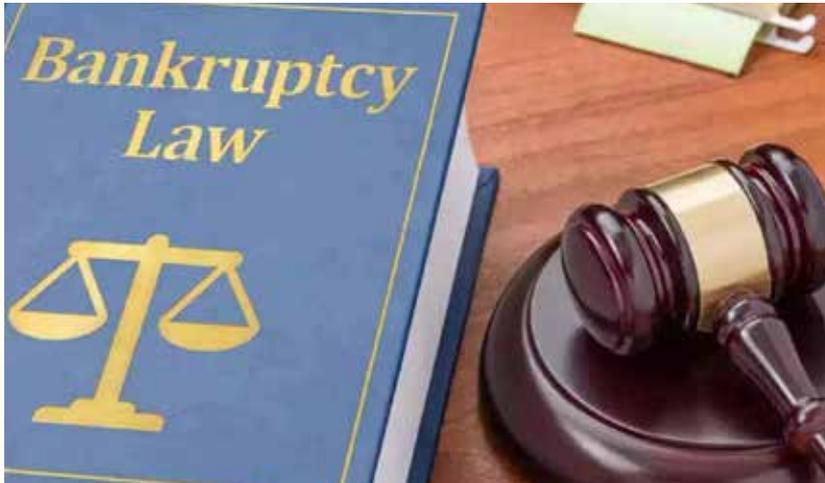
Videocon group on the grounds that this will maximise value of assets and all stakeholders shall get benefitted from it. Similarly, in the insolvency proceedings initiated wrt the Adel Group, where Adel is a holding company and has 35 subsidiaries out of which 9 Companies are undergoing CIRP process. In the process, the same professionals, such as, the Registered Valuers etc. are being appointed in respect of all the Group Companies. All the assets were held together by two to three Companies which were to be handled through combined resolution of the group companies.

## Global Practices in Indian context

Globally, Group Insolvencies are dealt with either through "Procedural Co-ordination" or "Substantive Consolidation". "Procedural Coordination" refers to coordination of the administrations of two or more insolvency proceedings in respect of enterprise Group members/entities. The European Union (EU) and Germany have recently

amended their insolvency legislations to provide for treatment of Group Insolvencies through Group Coordination. It inter alia includes aspects such as co-ordination amongst different Courts, appointment of a common Court, appointment of a common Administrator, co-ordination amongst the Administrators, group communication process, appointment of co-coordinator etc.

In the Indian Context, the Code may provide for some enabling provisions to deal with Group Insolvencies, while the procedural aspects may be prescribed through Regulations. The regulatory framework may cover the definition of a Group, timelines for CIRP in group insolvencies, process of initiation et al. The scope of the framework may include situations where either a member company or a few member Companies (in a Group) has/have gone into CIRP. Although, administered in a coordinated manner, the assets and liabilities of each group member involved in the procedural coordination



remain separate and distinct, thus preserving the integrity and identification of individual Group members and the substantive rights of claimants.

"Substantive consolidation", on the other hand, is the treatment of the assets and liabilities of two or more enterprise Group members as if they were a single insolvency estate. Countries like Australia have provisions (as part of their Insolvency Legislations) for Substantive Consolidation by way of "pooling" of assets of the Group Companies. Some countries like the United States have handled various insolvencies by Substantive Consolidation even in the absence of any specific provision for the same. Worldwide, Substantive Consolidation is triggered as an exceptional tool in situations wherein the assets and liabilities of the Group entities are inseparable, or where the creditors perceived the Group members as a single entity, on account of administrative benefits of consolidation, unity of

ownership et al. In the Indian Context, the NCLT may be authorised to direct for Substantive Consolidation in all appropriate cases, however, broad guidelines thereof need to be provided in the legislation itself.

In a number of significant insolvency cases, like the WorldCom and Nortel, the U.S. and Canadian Courts have used a blend and variations of both these methodologies, by means of Partial Consolidation and Modified Pro Rata Allocation to deal with the distinct facts at hand.

### **The need for Regulatory Framework**

Currently, a scattered procedure, wherein different benches of the NCLT (Adjudicating Authority) hear insolvency applications of different companies (belonging to the same Group) allows the debtors an opportunity to exploit information asymmetry and lack of coordination amongst different NCLT benches. There is also

some delay and clogging up of insolvency infrastructure in these proceedings as there is unnecessary duplication of work if different NCLT benches individually appreciate and consider the same or similar facts in order to piece together a complete picture.

In cases, where the holding company is put through the insolvency process, but the subsidiary companies are not, the experience has been that the resolution for insolvency wrt individual companies is tough and some of them may also face liquidation. A combined resolution plan or resolution procedure for debts for the Group could prevent this from happening and result in maximization of value for lenders within an optimum time frame.

During the CIRP of several Group Companies in India, the primary concern for potential bidders was that buying the company without its key subsidiaries did not make a prudent business case. In most cases, higher valuations and bids are likely in cases of consolidated pool of assets, if group insolvencies are treated in an integrated and comprehensive manner.

There are several other advantages of adopting an integrated approach and a formal framework to treatment of Group Insolvencies, such as, easier enforcement of corporate guarantees provided by group companies, easier detection and mitigation of under-value and preferential transactions, increased ownership of the resolution plan as interests of all creditors shall be factored in,

<sup>1</sup> [http://www.mca.gov.in/Ministry/pdf/ReportInsolvencyLawCommittee\\_12042019.pdf](http://www.mca.gov.in/Ministry/pdf/ReportInsolvencyLawCommittee_12042019.pdf)

faster disposal of insolvency applications of Group Companies and reduction in resolution/liquidation costs for the Group as a whole.

## Group Insolvency Working Group

Insolvency Law Committee Report<sup>1</sup> (March 2018) had noted the need for laying down provisions dealing with Group Insolvencies in the Code and the Regulations. In March 2018, the recommendations of the Law Committee about Group Insolvency were in the following terms, "It was noted that the treatment of group companies within insolvency laws is a complicated subject. The current system of insolvency law is new, and it may be too soon to introduce a complex subject, like the present issue. The UNCITRAL Legislative Guide on Insolvency Law also provides that the treatment of group companies is a very complex subject in relation to insolvency law and has multiple different approaches in different jurisdictions. Since lifting of the corporate veil in insolvency may affect corporate debtor entities significantly, this issue may be dealt with in the long-term once the present system is well established."

Owing to this pressing need, the Insolvency and Bankruptcy Board of India (IBBI) has set up an 11-member working group under the Chairmanship of former SEBI chief UK Sinha to go into the concept of 'Group Insolvency' and suggest a suitable framework. We expect a suitable framework on group insolvency very soon.



### Need for Regulatory Amendments

- Since there is no model framework for Group Insolvency that could be adopted by India, there is a need to make the regulations from scratch.
- For defining 'Group' under this legislation, the framework should be inclusive along with having tests to check if it is a single economic entity, the Extent of 'control' (both Positive and Negative), Test of operational and financial dependency, Common Brand/co-owning of IPR, the most common test of Parent-subsidiary, Joint venture, Associate companies, Imminence of insolvency based on inter-dependence.
- The meaning of Holding and Subsidiary Companies to be taken from Companies Act, 2013 and the definition of company to include all other body corporate as well. The definition of 'control' and 'associated company' is also provided under Companies Act and may be used as a point of reference for these regulations.
- Another major area of concern is the scope of the framework and who it would extend to. The framework should include all companies in the Group, Onshore / Offshore companies, Solvent / Insolvent companies, Listed / Unlisted companies, Financial / non-financial companies, Companies /Trusts / Societies / Partnerships in the Group, All entities / Persons by lifting corporate veil, Carve outs from a group insolvency framework. If exceptions are to be made for any, then the factors and procedure of how the exception would apply should also be provided in the Code.
- The proposed framework should also specify whether only procedural coordination would apply and in what circumstances substantive consolidation will apply. The framework should also provide a sequential method wherein procedural coordination will be followed by substantive consolidation. The methods should be applied both during resolution and liquidation.

- The ways in which procedural coordination could be applied in India is through Cooperation and communication by way of group coordinator, Interaction/ Information sharing, Joint application process, EOI, common resolution plan, etc. , single IP, single Adjudicating Authority, single CoC etc.

There should be a provision for choice of court, if the joint COC in a group with specified thresholds decides so, treatment of inter-company loans and investments

- In different jurisdictions different stakeholders have the decision making power. Under the EU regulations, the Insolvency Practitioner have the authority to decide whether the group proceedings have to be combined and to what extent.

Under the Australian Insolvency regime, the creditors have the power to decide whether the proceedings have to be consolidated or coordinated and to what extent.

In India since most decision making is done by CoC already (including but not limited to, approval of resolution plans and change of RP), most decision making power would vest with the CoC with the RP overlooking the entire process. The decisions of the CoC could be made subject to final approval of the AA.

- The option of opting out should be made available subject to approval from either the CoC or the Adjudicating Authority. The company in a group should be

**Globally, Group Insolvencies are dealt with either through “Procedural Co-ordination” or “Substantive Consolidation”. “Procedural Coordination” refers to coordination of the administrations of two or more insolvency proceedings in respect of enterprise Group members/entities. The European Union (EU) and Germany have recently amended their insolvency legislations to provide for treatment of Group Insolvencies through Group Coordination.**

allowed to be treated as a separate entity.

- There should be regulations for Transparency and independence. There are threats such as insider trading while dealing and trading of claims within the group companies as well as independence of directors need

to be maintained. Changes need to be made in SEBI Regulations and guidelines as well as Accounting Practices to ensure transparency.

**Information Consolidation:** Procedural Coordination should also include Information consolidation amongst group companies so that there is transparency and lack of duplicity in the proceedings. Information sharing is necessary to avoid insider trading and ensure fair proceedings. IBC should include provisions and procedural forms of disclosure to make information consolidation mandatory during Group CIRP.

- Moratorium under section 14 or the bar against suits and proceedings under section 33(5) be extended to non-insolvent group companies only if there is total substantive consolidation between the non-insolvent and solvent companies. Once Substantive Consolidation is applied to a Group Insolvency, the result is that of a merger and hence the solvent as well as the insolvent companies have lost their separate entities. (Problem areas: shareholder trust, board resolution, CoC approval)
- A proper timeline should be made and collated keeping in mind the different methods and procedures of dealing with group insolvencies. The timeline should be strict.
- There is a need to make amendments in the existing Code and its supporting legislations as well. ■

# NALCO's Journey to the Most Cost Effective Miner



Kunal Bose\*

An organization strives to break the norms and set a new benchmark. The 52 per cent central government owned National Aluminium Company has been able to do so under the leadership of its Chairman and Managing Director, Dr. Tapan Kumar Chand. He could reinforce long-term raw materials security of the enterprise. The Navratna company under the Ministry of Mines has major expansion programmes for bauxite mining, refining of bauxite into alumina and further in the downstream smelting the intermediate chemical into aluminium. NALCO also has charted a meaningful growth beyond all that into value added aluminium alloys, which unlike primary metal are not subject to commodity price fluctuations.

Not only has the company secured extension of mining leases of central and north blocks of Panchpatmali and of the south block, but now New Delhi has reserved Pattangi bauxite mine with an estimated deposit of 75 million tonnes for NALCO. Deservedly so, since the company as it is taking out bauxite from its mines at more than 100 per cent capacity,

it remains globally the most cost efficient miner of the mineral. What is more, the mining operation is conducted in such an environment friendly manner that the local community remains appreciative of the company's work. NALCO's mining activities has been put on the tripod of 'community benefiting, ecology caring and sustainable mining.'

In India, all the smelters, both in the public and private sectors are run by necessity on coal fired electricity. They all depend on supplies of coal on Coal India Limited and its subsidiaries such as Mahanadi Coalfields by way of linkages, through participation in e-auction and resorting to imports to make up for any shortfalls in domestic availability. Whenever the last two options are exercised under compulsions, the energy cost gets spiked. Unlike in India, smelters in Canada, some European countries and the Middle East have the advantage of the relatively low cost hydel and gas based electricity. This leaves Indian smelters in a constant pursuit to improve energy efficiency as is the case with NALCO.

So, it came as a major relief for the

company to have been accorded mining leases of Utkal-D and Utkal-E blocks which between them have mineable reserves of 180.98 million tonnes and extractable reserves of 175 million tonnes. But the real challenge is to intercede diligently with different government agencies at the centre and in the state to secure the host of clearances, including relating to environment and forest and consent to operate before actual mining could start. To the relief of all stakeholders, Dr. Chand announced at the company's recent annual general meeting that "mining activities for Utkal-D are expected to start in 2019-20 and Utkal-E will be operational thereafter." (The coal to be available from Utkal-D and E will be for use by captive power generating units from 9 to 12. Fuel requirements from the two blocks are estimated at 4 million tonnes, while supplies in the first year of production will be 1 million tonnes to rise to 2 million tonnes in the third year.) To the extent captive power generating station of NALCO will get supplies of coal from its owned mines, there will be a benign impact on the company's power bill.

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In integrated aluminium smelting business, energy is the largest component in production costs. For NALCO, it was 32 per cent in 2018-19. This will underline the importance of securing coal supplies at a growing level from owned mines. Shares of the majority government owned NALCO like many other PSUs are listed on NSE and BSE and the market will positively react once the news of beginning of coal supplies from captive mines hit the headlines. Along with simultaneously pursuing multiple expansion programmes, NALCO has concretised plans for adding value to primary aluminium using more than one route. Most remarkably, in a joint venture with another PSU Mishra Dhatu Nigam a top of the line aluminium alloy plant is to be built to make alloys for application in critical sectors such as aerospace, defence and automobile leading to import substitution. The JV project is to come up in Nellore district of Andhra Pradesh. Much will be in store in terms of value enrichment when an aluminium park next to NALCO smelter at Angul that will facilitate transfer

**Hopefully, we will find the aluminium market in good shape when our expansions are over for us to reap benefits," says Dr. Chand. According to Dr. Chand, "our smelter capacity expansion is justified on the grounds that the country's aluminium consumption is to rise from about 4 million tonnes in 2018-19 to over 7 million tonnes in five years and likely to up to 10 million tonnes by 2030-31." In terms of production (all three segments of bauxite, alumina and aluminium), sales (domestic and exports)...**

of liquid metal to downstream units gets commissioned.

By not only finalising a series of expansion programmes in rapid succession but also taking

follow-up actions to get these off the ground, the NALCO management has boosted the morale of employees at all levels as the moves give a picture to the outside world of an organisation with growth hunger. These are not the best of times for aluminium. The low aluminium prices on London Metal Exchange will bear that out. Much to the concern of the global aluminium industry, cash aluminium is trading in a range of \$1,760-70, leaving swathes of capacity under water. "But I believe, capacity to fund growth programmes permitting, downturn in the industry's fortune is the time when expansions should be attempted. You are in a position to negotiate best prices for plant and machinery and engage consultants on favourable terms.

Hopefully, we will find the aluminium market in good shape when our expansions are over for us to reap benefits," says Dr. Chand. According to Dr. Chand, "our smelter capacity expansion is justified on the grounds that the country's aluminium consumption is to rise from about 4 million tonnes in 2018-19 to over 7 million tonnes in five years and likely to up to 10 million tonnes by 2030-31." In terms of production (all three segments of bauxite, alumina and aluminium), sales (domestic and exports) and net profits, NALCO's performance in 2018-19 hitting multi-year highs was highly impressive. On net sales of Rs. 11,386 crore, including domestic sales of Rs. 6,593.61 crore and income of Rs. 4,792.71 crore from exports driven primarily by overseas alumina despatches of 1.245 million tonnes, the company earned record net profits of Rs. 1,732.40

crore. Being a major exporter of alumina after fully taking care of requirements of its own smelter, the company benefited from uncommonly high world prices of alumina upwards \$600 a tonne in the aftermath of the February 2018 leak of alumina by-product at Norwegian Norsk Hydro's Alunorte refinery in the Amazonian state of Para in Brazil. This led to deactivation of half its capacity of 6.4 million tonnes representing 10 per cent of the world capacity outside China and therefore, spike in prices. On the metal front, aluminium prices got a leg up when in April 2018 the US put sanctions on UC Rusal. The white metal that sold at \$2,069 a tonne in March 2018 went up to 2,299 in May.

But such bonanzas do not last long. As Alunorte is steadily stepping up production and the 2 million tonne Al Taweelah alumina refinery achieves full capacity use by this year end, alumina prices for the time being will remain bound in the range of \$300-\$350 a tonne. Metal prices are being impacted by global macroeconomic uncertainties and intensification of trade war between the world's two largest economies the US and China and its collateral impact on other countries. In the past two financial years, Indian aluminium demand grew at a rate of close to 10 per cent. How about the current year? CMD, NALCO says: "Demand is there. Selling is not an issue. Prices here being linked to LME, however, remain a problem. While the domestic



**Dr. Tapan Kuamr Chand**  
CMD, NALCO

industry is operating at nearly full capacity, imports appropriating nearly 60 per cent of the local demand are a major concern that the government will hopefully address."

Known as an investor friendly company, NALCO paid a total dividend of Rs. 5.75 for every Rs. 5 face value share claiming a total of Rs. 1,072.73 crore. As of March end 2019, the debt free company had general reserve of Rs. 8,111.10 crore and retained earnings of Rs. 1,083.22 crore. The company's financial sinews being what they are, funding the announced growth programmes will be an easy go. The chairman has outlined the expansion programmes that include: (i) The 1 million tonne fifth stream of the alumina refinery being developed at a cost of Rs. 5,540 crore is marked for completion by 2022-23. The present refinery capacity is 2.275 million tonnes. (ii) The 75 million tonne deposit Pottangi mine that is to feed the refinery's fifth stream through conveyor system is scheduled for commissioning in May 2022. (iii) The biggest and most

ambitious of all programmes will be the brownfield expansion of Angul smelter by building a fifth potline of 500,000 tonne capacity and also get an additional capacity of 100,000 tonnes by upgrading the amperage of the four operational potlines from 180 KA to 220 KA. In support, NALCO will enhance the captive electricity capacity by 1,200 MW. Brownfield expansion of the size envisaged will make NALCO a 1.06 million tonne smelter at a single site, not too common a feature in the world industry.

Aluminium will remain a cyclical industry and fortunes of primary producers like NALCO will remain linked to LME price movements. This and also the fact that the country is import dependent on aluminium alloys for use in critical sectors give an opening to NALCO to add value in the downstream. The government's recent corporate tax reforms have created ideal condition for investments, including FDI in building new industries. The government is also committed to electrify all villages and give power to all homes. As new power capacity is built, the country will need additionally large quantities of aluminium wire rods. Dr. Chand sees here an expansion opportunity. NALCO is, therefore, to build a new "alloy wire rod manufacturing facility of 60,000 tonne EC grade aluminium wire rod or 40,000 tonne aluminium alloy wire rod." Dr. Chand is hopeful the plant will be ready by 2020.



# Smart Pump Stations in Cross Country Oil Pipelines



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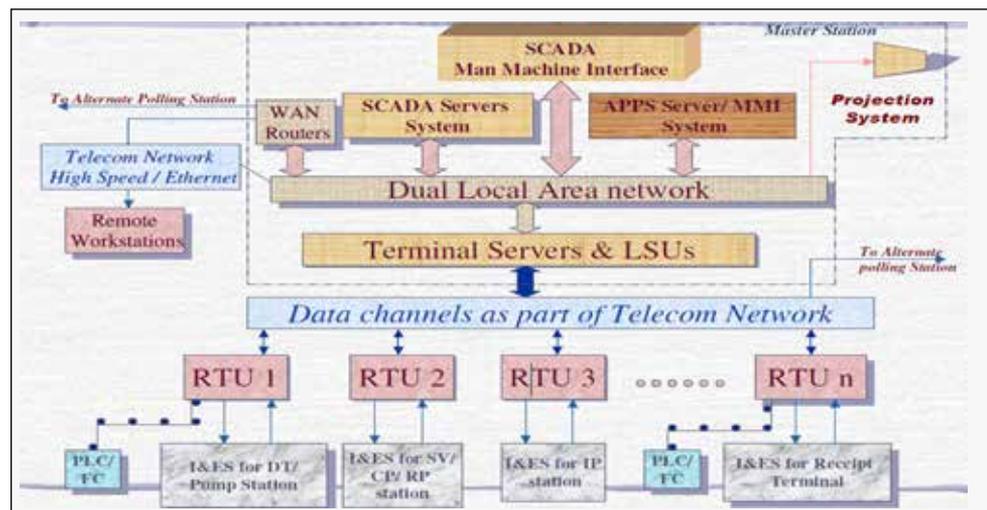
Cross country pipeline transportation is the safest and most economical mode of transportation of Petroleum and Petroleum Products. Due to many advantages of pipeline mode of transportation, major oil refiners and Oil marketing companies are building pipeline infrastructure across the length and breadth of the nation. Cross country Pipelines passes through some of the most difficult to access terrains and routes. The major components in cross country pipelines are Mainline Pump station, Intermediate Booster Stations, Intermediate Pigging Stations, Tap off Stations and Receiving stations. Based on the volumes transported and the terrain, there would be requirement of intermediate booster stations enroute the cross country pipeline. The pipeline stations are manned by 10-11 officers and manual interventions are required for certain operational and maintenance activities in intermediate pump stations. In pipeline operations, close to 27% of expenditure is towards manpower expenses. To reduce the complexity of operation and for manpower optimization, the booster stations of cross country pipeline can be converted to smart pump stations

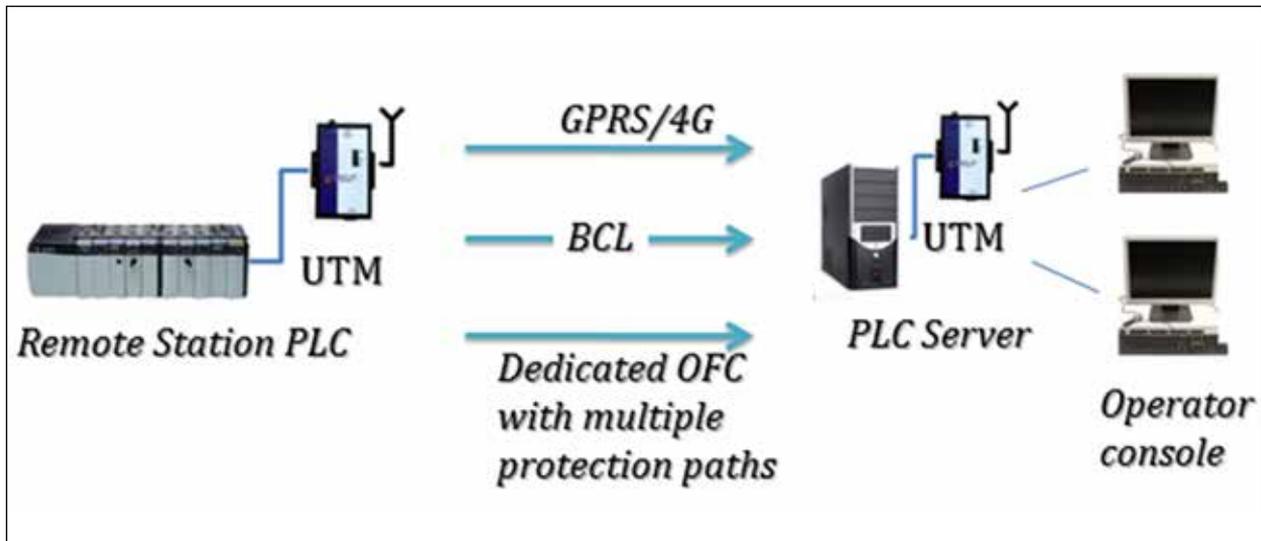
which will enable operation of pump station from remote location, thereby eliminating the requirement of manpower at these remote pump stations.

## Philosophy of Design

To understand the concept of smart pump station, it is imperative to know the current mode of operation of existing pump station. In present manned station, the major activities of operator is to start, monitor and stop the various equipments in the booster station including pumps. The operation activity includes venting and draining of mainline pumps before start up. The operation

activity also involves monitoring the various parameters like flow, pressure, vibration, energy consumed and health of equipments. The operator also has to take necessary action to perform planned and emergency shut down including bypass of booster stations. The smart pump station is designed to carry out these activities remotely from a different location without human intervention. This is achieved through a range of instruments and controls through SCADA & PLC system that constantly monitors the equipments, fetch the details and provide them to the remote location from where the operation processes





are controlled. Smart pump stations includes a set of devices and equipments that are capable of receiving commands from remote location through a SCADA enabled server and control the operations of the booster station.

### Remote Operation of Station

The remote pump station shall be operated from remote location. To ensure effective and reliable control, management and supervision of the pipeline, the entire

pipeline network is monitored and controlled by a Supervisory Control and Data Acquisition (SCADA) system. The SCADA system is a computer based system for gathering and analyzing real time data. SCADA system monitors & controls the pipeline facilities in a timely manner and provide centralized alarm and event management and operation & management reports for all distributed pipeline facilities. A dedicated Optical Fibre Cable telecommunication system

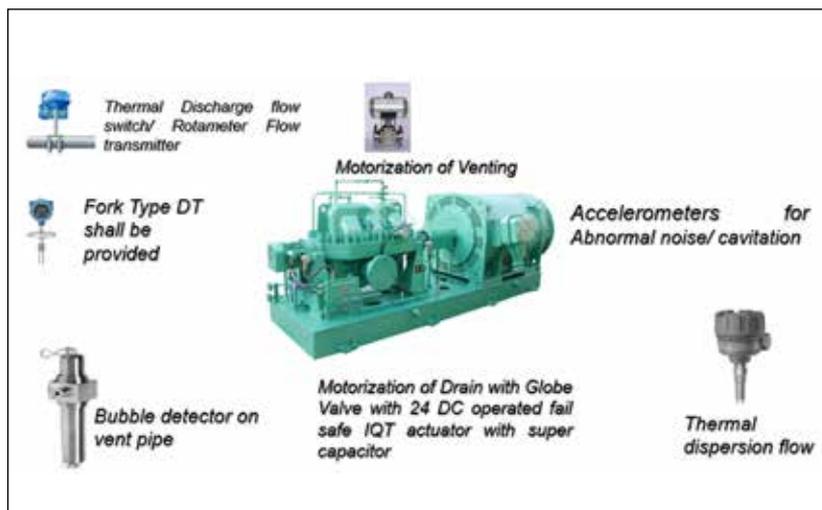
is provided as a medium for SCADA data communication.

As communication is of absolute criticality in smart pump station, the station shall be connected with remote location through Optical Fibre Cables through multiple protection paths. The communication shall also have dual redundancy in the form of 4G/ GPRS connectivity and dedicated back up link in case of failure of main OFC cable.

### Process Aspects

All the valves, vents & drains of mainline pumps, basket filters, minor barrels of PIG launchers shall be motorized and provided back up power through UPS. SIL rated actuators shall be mounted on the valves for ensuring the integrity of the critical application valves like station isolation valves, Fire water pumping systems etc.

Measurement and control instruments like density transmitters, flowmeters, inductive proximity switches, accelerometers, Thermal discharge flow switches, Hydrocarbon detectors, Guided Wave Radar Level transmitters





shall be used for monitoring and controlling the various parameters in remote pump stations.

**Electrical Aspects**

All critical electrical equipments shall be mounted with HMI with Virtual Networking Connectivity for remote monitoring and controlling of equipments. All the feeders shall be provided with intelligent overload protection relay, phase sequence cum phase loss monitoring relay with MODBUS TCP/IP communication protocols. Highly reliable Ni-Cd batteries fitted UPS shall be installed at stations for providing back up power.

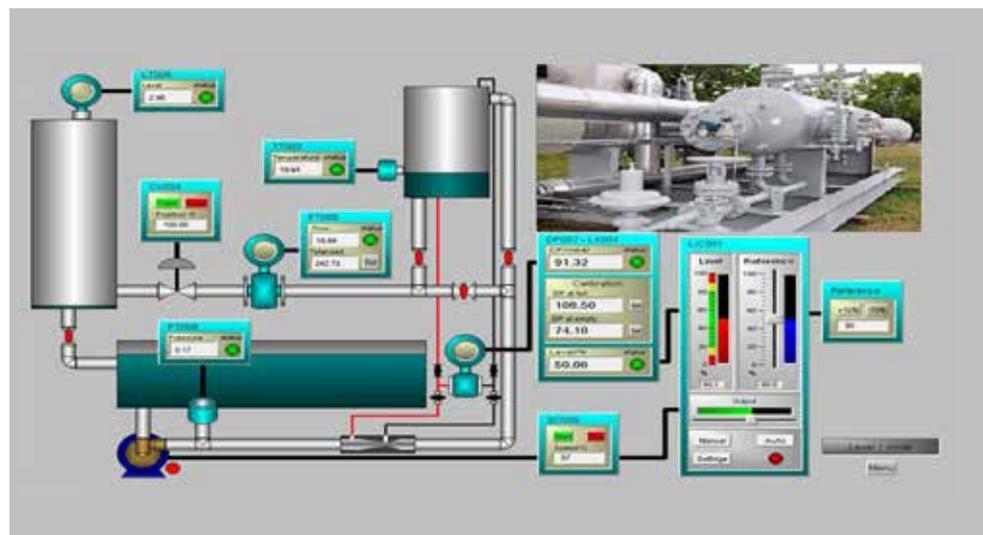
**CCTV Surveillance**

Elaborate surveillance shall be used in Mainline Pump house , Fire water pump house, electrical substation including VFD room, process area, control room and VFD room. Live visual feedback shall be made available to the operator in remote station to have visual conformation of the various activities that are happening inside a remote pump station.

**Advantages of Smart Pump Stations**

Smart pump stations are intelligent and can carry out operations in a safe manner with minimal human intervention. They can be operated remotely and avoids the need for human manual intervention. The system is robust and cost effective. Manpower costs are reduced and placing of manpower in remote hardship locations can be eliminated. Smart pump station also uses artificial intelligence systems and machine

learning to improve the reliability in pipeline operations. The monitoring and analysis of parameters can be successfully used for implementing preventive maintenance based on previous learnings. Smart pump stations are also safe as they can quickly take necessary actions and make decisions after following SOPs without human interventions. In conclusion it is evident that smart pump stations are the future for safe and economical method for carrying out pipeline operations.



# Water Conservation: SAIL's Pioneering Efforts & Initiatives



**Sumita Dutta**  
Executive Director  
(Corporate Affairs), SAIL

The various avenues for conservation of water in Steel Making include:

- Localised Recirculation of water through Effluent Treatment Plants (ETPs)
- Industrial and Township Sewage Water Treatment and recirculation
- Introduction of State of the Art Technologies, which ensures less use of water

- Plugging of leakages
- Rain water harvesting

## Water Auditing

Water Auditing at Plants has helped SAIL in identifying various schemes for conservation measures which eventually helped in reduction in Specific Water Consumption.

Steel Authority of India Limited (SAIL), India's largest Public Sector steel maker is making relentless efforts to promote water conservation. Recently, SAIL observed the month of August-2019 as the 'Water Conservation Month' to reiterate the importance of this precious resource and the Company's commitment to use this ever-growing scarce resource more judiciously and wisely. Several events were conducted Companywide to create more awareness about the preciousness of this resource. The poster released on this occasion by Shri Anil Kumar Chaudhary, Chairman, SAIL emphasized that there is an urgent need for paradigm shift towards efficient management of water, including extensive water treatment, conservation, recycling and most importantly our attitude towards water use.

As the fresh water availability and quality is becoming a major concern in large parts of the world, the "Management of Water Resource" is considered to be one of the important sustainability challenges. Even though the steel industry uses large quantity of water for the purpose of cooling, gas cleaning, de-scaling, dust scrubbing and for other process operations, very little of that water is actually consumed as most is reused and recycled. SAIL, in its various Plants and Units are using several innovative techniques to use every drop of water in an utmost judicious manner. The Company, through consistent efforts has achieved 75% reduction of specific water consumption over the last two decades from 15.03 m<sup>3</sup> per Tonne of Crude Steel (TCS) in 1995-96 to 3.44 m<sup>3</sup> per Tonne of Crude Steel (TCS) in 2018-19. This bears the testimony

to the Company's efforts towards efficient water management practices and commitment towards protection of precious environmental resources.

SAIL has been very aware of the importance of this resource. The Company has implemented several notable water conservation schemes during last 5 years. These include:

- Recirculation of Overflow from Hitkasa Tailing Ponds of Dalli (Mech) Mines of Bhilai Steel Plant which saves around 55 lakh m<sup>3</sup> of water per year
- Installation of Effluent Treatment Plant for treatment and recycling of waste water through Outfall No. 1 at Bokaro Steel Plant, which saves around 130 lakh m<sup>3</sup> of water every year
- Recirculation of blow down water from Captive Power Plant of Durgapur Steel Plant

for use in Blast Furnace Gas Cleaning Plant (GCP) which saves around 1.6 lakh m<sup>3</sup> of water per year

- Waste water recirculation from Power & Blowing station at IISCO Steel Plant with an estimated water savings of 3.5 lakh m<sup>3</sup> per year
- Through continuous and consistent efforts, Rourkela Steel Plant has achieved Specific Water Consumption of 3.65 m<sup>3</sup> per Tonne of Crude Steel in 2018-19. The Steel Plant is now targeting at reducing it further to the level of 2 m<sup>3</sup> per Tonne of Crude Steel, which is the international norm
- Connection of one pump to return water line of horizontal secondary settling tanks to reduce overflow from distribution chamber of Pump House No. 3 of Bhilai Steel Plant with an estimated water savings of around 26 lakh m<sup>3</sup> per year
- Rain water harvesting
- Water metering with installation of flow meters
- Water auditing by third party
- Improved Effluent Treatment System (tertiary treatment) at new units installed under modernization program in SAIL Plants
- Continuous Effluent Quality Monitoring System (EQMS) have been/ are being installed in all integrated steel plants.

The SAIL Plants have embarked upon a plan to be 'Zero Liquid Discharge' Plants in near future. As per these plans the entire amount of water being used or consumed by Plants would be recycled and reused. A multi-dimensional approach is being



adopted to achieve this objective.

### Benchmarking and Future Plans of SAIL

Water use in the steel industry depends primarily on the plant configuration, product type, geographical location, availability of water, quality of water, among others. As per the charter specified in the Corporate Responsibility for Environmental Protection (CREP), the targets for specific water consumption for steel Plants in long and flat products categories are 5 m<sup>3</sup> per Tonne of Crude Steel and 8 m<sup>3</sup> per Tonne of Crude Steel respectively. However, the water efficient steel plants in the World (in Blast Furnace – Basic Oxygen Furnace route) operate in the range of 2–2.5 m<sup>3</sup>/TCS. SAIL, with its mix of old and new iron & steel production processes has envisaged achieving specific water consumption of 2.0-3.0 m<sup>3</sup>/TCS by 2025.

For this purpose, SAIL is taking up the following activities:

- Enhancing effectiveness of local wastewater treatment and recirculation facilities
- Treatment and total

recirculation of outfall water

- Maximising treatment of township sewage to use as industrial water
- Maximising rain water harvesting facilities
- Emphasizing on water auditing and water budgeting
- Increasing awareness for water conservation amongst employees and families

Sustainability being the focal point of every industrial process identifies the proper and judicious usage of natural resources while keeping the renewability of it in mind. SAIL, the largest and oldest public sector steel maker perceives the significance of its responsibilities towards the Nation. The Jal Shakti Abhiyan announced by our Government is pursued at the highest level by the Company and every effort to conserve and preserve this resource is being done with greater emphasis. The latest technologies implemented by SAIL in its modernized units are all aligned to produce efficient steel minimizing the effects on environment. It is a continual endeavour at SAIL to become more energy efficient and produce world class steel.

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

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

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

#### Auditorium



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

#### Mirza Ghalib Chamber



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

#### Tagore Chamber



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

#### Bhabha Chamber (Board Room)



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

#### Fazal Chamber



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

### Business Centre



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

### Annexe II



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

### Banquet Hall



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

### Tansen Chamber at UB



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

### Annexe I



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

### Amir Khusro Chamber at UB



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

For Booking & Tariff details please contact

**Mr. M. L. Maurya**  
GM (Tech.)  
Mob: 9313375238

**Mr. Nitin Kulshrestha**  
Asst. Manager (Engineering)  
Mob: 9313989067 • Email: [scope.convention@gmail.com](mailto:scope.convention@gmail.com)

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

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

### Auditorium



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

### VIP Lounge



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

### Board Room



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

### SCOPE Academy of Public Sector Enterprises



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

### Meeting Hall



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

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



## SCOPE Forum of Conciliation and Arbitration (SFCA)

SCOPE had set up an Arbitration Cell known as SCOPE Forum of Conciliation and Arbitration (SFCA) mainly to settle disputes between PSUs and its associates. SFCA has framed its own rules prescribing consolidated fee structure and expenses with the assurance that arbitration proceedings shall be completed in the shortest possible time and shall be more economical in comparison to other institutions. A panel of expert Conciliators and Arbitrators has also been drawn which consists of retired Judges of Supreme Court, High Court, retired Secretaries, Joint Secretaries of Govt. of India,

Chief Executives, Directors and senior officials of Govt. of India and PSEs, besides Advocates and C.As and other professionals.

The Forum has its own infrastructure with a spacious Arbitration Hall having sitting capacity of 15 persons with all the modern facilities such as projector for live projection of record of proceedings on a large screen with free service of mineral water, tea/coffee and biscuits. High tea and lunch can also be arranged by the Forum on request in advance at the cost of the parties by authorised caterer of SCOPE.

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

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**Mr. Gopal Krishna Bharti**  
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Mob: 9717564689  
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### For further details about SFCA please contact

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GM (Technical)  
Mob: 9313375238

### For booking and tariff details of SFCA please contact

**Ms. Radhika**, Executive - Legal (SFCA)  
Mob: 8920574097 Ph: 24360559  
e-Mail: scopesfca@gmail.com

## STANDING CONFERENCE OF PUBLIC ENTERPRISES

1st Floor, Core No. 8, SCOPE Complex, Lodhi Road, New Delhi - 110003, Ph: 011-24311747, 24360101 Fax: 011-24361371



# A Glimpse from **GANDHI JAYANTI CELEBRATION** by PSEs

## BEML



## Cochin Port Trust



## HAL



## NALCO



# हम सिर्फ पोत नहीं बनाते हैं । हम भारत का स्वाभिमान भी बढ़ाते हैं ।

गुणता और समय पर सुपुर्दगी की ओर प्रतिबद्धता, विश्व भर में एक मज़बूत प्रतिष्ठा सृजित करने में मदद की है।



कोचीन शिपयार्ड लिमिटेड, एक मिनिस्टर पीएसयू, भारत के सबसे बड़ा सार्वजनिक उद्यम शिपयार्ड\* को पूरे जीवन काल में विस्तृत श्रेणी के पोतों के लिए बड़ी संख्या में प्रस्ताव है ।

- भारतीय नौसेना के लिए भारत का प्रथम देशी वायुयान वाहक का निर्माण ।
- भारत में निर्मित सबसे बड़ा डबल हल ऑइल टैंकरों का निर्माता ।
- भारत में रक्षा क्षेत्र के लिए और विश्व भर में वाणिज्यिक क्षेत्रों के लिए विविध प्रस्ताव ।
- भारतीय नौसेना के प्रतिष्ठित वायुयान वाहक – आईएनएस विराट और आईएनएस विक्रमादित्या की सूखीगोदी मरम्मत कार्य लेनेवाले भारत का एकमात्र शिपयार्ड ।
- समुद्री इंजीनियरिंग प्रशिक्षण का पेशकश – केचर द्वारा 'उत्कृष्ट' दर्जा ।
- एलएनजी वेसलों, नौसेना वेसलों जैसे विशेषीकृत और तकनीकी रूप में विकसित बड़े वेसलों के निर्माण और जैक-अप सिग्नो आदि की मरम्मत के लिए एक बड़ी गई सूखी गोदी की स्थापना ।
- शिपलिफ्ट और अंतरण प्रणालियों के साथ अंतर्राष्ट्रीय पोत मरम्मत सुविधा की स्थापना के जरिए पोत मरम्मत उद्योग के परिवर्तन और वैश्वीकरण ।
- अंतर्राष्ट्रीय जलमार्ग खंड में उभरते अवसरों को पूरा करने के लिए कोलकाता में स्थित हुगली कोचीन शिपयार्ड लिमिटेड (एचसीएसएल) नामक एक संयुक्त उद्यम कंपनी का गठन ।



## कोचीन शिपयार्ड लिमिटेड

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\*गोदी क्षमता के अनुसार



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## Raksha Mantri Inaugurates Engineers Conclave (2019) & Product Development & Innovation Centre of BEL

**R**aksha Mantri, Mr. Rajnath Singh inaugurated the 7<sup>th</sup> edition of 'Engineers Conclave' (EC-2019), organised by the Indian National Academy of Engineering (INAE), in association with Bharat Electronics Limited (BEL) at the Bharat Electronics Academy for Excellence (BAE), Bengaluru.

Dr. G Satheesh Reddy, Secretary DD R&D, & Chairman, DRDO, Dr. Sanak Mishra, President, INAE, Mr. Gowtama M V, CMD, BEL, Mr. Mahesh V, Director (R&D), BEL, Mr. V.V.R. Sastry, FNAE & former CMD, BEL, current and former Directors and CMDs of BEL, CVO, BEL, and other dignitaries from DRDO, ISRO, DPSUs, academia, and industries, both public and private, were present at the inaugural function. Speaking on the occasion, the Raksha Mantri, Mr. Rajnath Singh reiterated the Government's commitment to reaching Digital India Connectivity to remote villages of India. He added that the development of critical and cutting-edge technologies in defence would help save foreign exchange, which can be used for other development activities of the country. The Engineers Conclave is an annual event aimed at bringing together engineers from across the country to identify, discuss and deliberate upon issues of national importance and arrive at solutions with appropriate engineering



Raksha Mantri, Mr. Rajnath Singh with Mr. MV Gowtama, CMD, and other Directors of BEL after unveiling the plaque during the inauguration of the PD&IC of BEL.

interventions. The Raksha Mantri also inaugurated BEL's Product Development & Innovation Centre (PD&IC) in Bengaluru on the occasion. BEL has created the PD&IC with the vision of establishing a world-class R&D facility, with an investment of about Rs. 220 crores. Inaugurating the PD&IC building, the Raksha Mantri, Mr. Rajnath Singh, said the new centre would contribute to the 'Make in India' initiative

through indigenization efforts aimed at self-reliance.

The PD&IC is equipped with state-of-the-art facilities and resources to design, develop, prototype and generate manufacturing documents for systems and sub-systems, which can be marketed as standalone products or used in the development of larger systems or system-of-systems by the Strategic Business Units/ Units of BEL.

## 49<sup>th</sup> AGM of HUDCO

Dr. M. Ravi Kanth, Chairman & Managing Director, HUDCO addressed the shareholders at its 49<sup>th</sup> Annual General Meeting in New Delhi which was well attended by all the stakeholders who appreciated the financial performance of HUDCO in 2018-19.





## Self-Reliance in Strategic Electronics

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IT & e-Governance Sectors



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- ❖ Antenna Systems, V-SAT Networks, Cockpit Voice Recorders, Inertial sensors and Actuators.



- ❖ Integrated Security Systems, Electronics Jammers and Encryption equipment.

- ❖ Telecommunication equipment, IT and e-Governance solutions.



इलेक्ट्रॉनिक्स कॉर्पोरेशन ऑफ इंडिया लिमिटेड  
**Electronics Corporation of India Limited**

*A Government of India (Department of Atomic Energy) Enterprise*  
Hyderabad - 500 062, Telangana

CIN No: U32100TG1967GOI001149

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# Awards & Accolades to PSEs

## RINL bags Rajbhasha Keerti Puraskar-First Prize



Mr. P. K. Rath, CMD, RINL-VSP receiving the award from Hon'ble Minister of Home Affairs, Mr. Amit Shah and Hon'ble Ministers of State for Home Affairs, Mr. Nityanand Rai and Mr. G Kishan Reddy.

The Govt of India bestowed Rajbhasha Keerti Puraskar (First Prize) on RINL-VSP for its performance in the area of Hindi implementation for the year 2018-19. This award was received by Mr. P. K. Rath, CMD, RINL-VSP from Hon'ble Minister of Home Affairs, Mr. Amit Shah and Hon'ble Ministers of State for Home Affairs, Mr. Nityanand Rai and Mr. G Kishan Reddy during 'National Hindi Day Celebrations' held at Vigyan Bhavan, New Delhi. Mr. K. C. Das, Director (Personnel), RINL was also present during the above award function.

## HPCL bags 'Best Navratna' Award under Manufacturing Category

HPCL bagged 'Best Navratna' award in 'Manufacturing Category' at Dun & Bradstreet PSU Awards 2019 consecutively for second year in a row. The



Mr. Arvind Ganpat Sawant, Minister of HI&PE presenting the award to CGM - Co-ordination, Mr. Alok Kumar Gupta and CGM- PRCC, Mr. Rajeev Goel.

award ceremony was held recently at New Delhi. The award winners were felicitated by Mr. Arvind Ganpat Sawant, Minister of Heavy Industries & Public Enterprise; in the presence of Mr. Subhash Chandra Garg, Secretary, Ministry of Power, and Mr. Manish Sinha, Managing Director-India, Dun & Bradstreet. CGM - Co-ordination, Mr. Alok Kumar Gupta and CGM- PRCC, Mr. Rajeev Goel received the award on behalf of HPCL.

## BHEL wins Highest number of National Safety Awards



Dr. Nalin Shinghal, CMD, BHEL receiving the award from Mr. Santosh Kumar Gangwar, MoS (I/C) for Labour & Employment.

Bharat Heavy Electricals Limited (BHEL) has won the highest number (Nine) of 'National Safety Awards' for outstanding achievements in terms of the longest accident-free period and lowest accident frequency rate at its works. The awards were received by Dr. Nalin Shinghal, Chairman & Managing Director, BHEL from Mr. Santosh Kumar Gangwar, Minister of State (Independent Charge) for Labour & Employment, at a function held in New Delhi. Significantly, BHEL has been winning these prestigious national awards, instituted by the Ministry of Labour, Government of India consistently, since their inception.

## BEL wins State Export Award

Navratna Defence PSU Bharat Electronics Ltd (BEL) has won the Karnataka State Export Excellence Award for the year 2016-17. The award was received by Mr. Anil Pant, GM (International Marketing)/

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2019

YEAR OF SOLUTIONS

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Mr. Anil Pant, GM (International Marketing)/CO, and Mr. H P Srinivas Rao, AGM (International Marketing)/CO, receiving the Karnataka State Export Excellence Award for BEL for the year 2016-17 from Mr. B S Yediyurappa, Chief Minister of Karnataka.

CO, and Mr. H P Srinivas Rao, AGM (International Marketing)/CO, from Mr. B S Yediyurappa, Chief Minister of Karnataka, at a ceremony held at Bengaluru.

BEL is laying enhanced thrust on Exports by expanding its geo-spatial reach and through partnerships. The Export order book of BEL was US \$ 116.62 Million as on April 1, 2019.

## NMDC receives “Rajbhasha Kirti” Award



Mr. Sumit Deb, Director (Per), NMDC receiving the award.

NMDC received “Rajbhasha Kirti Award” Second Prize amongst Undertakings in “C” region. The award was given by Minister of Home Affairs, Mr. Amit Shah on the occasion of “Hindi Day” in presence of Ministers of State for Home Affairs, Mr. Nityanand Rai and Mr. G. Kishan Reddy and other distinguished guests. Mr. Sumit Deb, Director (Per) received the award on behalf of NMDC.

## MCL wins award for 'Exemplary Exhibit' at 8<sup>th</sup> Bhopal Vigyan Mela

While the first prize for "Exemplary Exhibit" attracting visitors at 8th Bhopal Vigyan Mela was presented to BrahMos displaying models of different ballistic missiles, MCL was awarded for "Exemplary Exhibit" showcasing open cast coal mining operations through working models of HEMMs. The team of Lajkura OCP of MCL's Ib Valley Area displayed mining operations in the exhibit.



MCL Team receiving the award.

Prizes were presented by chief guest at valedictory Mr. Kaptan Singh Solanki, Hon'ble former Governor Tripura & Haryana and Mr. Kamleshwar Patel, Hon'ble Minister Pachayati Raj & Grameen Vikas, Govt. of MP. The exhibition attracted large number of school/engineering college students of Bhopal during four-day-long exhibition.

## Executive Director (PMSG), NHPC awarded 'Hydro Ratna' Award

Mr. Abhay Kumar Singh, Executive Director (PMSG) of NHPC Limited has been conferred with



Mr. Abhay Kumar Singh, ED (PMSG), NHPC.



## ALL GREAT ACHIEVEMENTS ARE A SERIES OF SMALL EFFORTS.

### LET'S KEEP ODISHA CLEAN

Mahanadi Coalfields Limited (MCL), a Government of India Enterprise under Ministry of Coal, operates 15 open cast and 5 underground coal mines in Angul, Jharsuguda and Sundergarh districts of Odisha. The company contributes to 25 percent of total production by Coal India. Ever since its inception, MCL has been a front-runner in introducing innovative ideas and technology to minimise the impact of coal mining on environment. Extending Swachhta Abhiyan to waste management level with new technology and best practices, the company has achieved huge advancements in cutting down and safe disposal of solid waste in its mines. Committed to inclusive growth, MCL is the top spender under CSR in Odisha.



*Ujjwal Bharat Ka Hai Sapna, Swachh Koylanchal Ho Apna*

#### Mahanadi Coalfields Limited

(A subsidiary of Coal India Limited)

Corporate Office: At/PO.- Jagruti Vihar, Burla, Sambalpur, Odisha-768 020

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'Hydro Ratna' Award at India Hydro Award 2019 held recently at New Delhi. The award has been given to Mr. Singh for his contribution to Hydropower and Water Resources Sector in India. The award has been instituted by REPA (Renewable Energy Promotion Association) and ENERTIA foundation.

## HIL (India) Limited receives Rajbhasha Award



Dr. S. P. Mohanty, CMD, HIL receiving the award from the Home Minister, Mr. Amit Shah.

Dr. S.P. Mohanty, Chairman and Managing Director of HIL (India) Limited received the prestigious 'Rajbhasha Award' (Shield) from the Minister of Home Affairs, Mr. Amit Shah for best implementation of Official Language Hindi under the Kirti Puraskar Scheme of Department of Official Language, Ministry of Home Affairs, Government of India.

## MMTC wins its 26<sup>th</sup> CAPEXIL Excellence in Export Award



Mr. Ved Prakash, CMD, MMTC and Mr. Ashwani Sondhi receiving the award from Mr. Piyush Goyal, Minister of Commerce & Industries and Railways.

MMTC has been awarded the CAPEXIL Excellence in Export Award in Minerals & Ores Sector (Canalized Agency) for the years 2015-16 and 2016-17. CMD, Mr. Ved Prakash and Director (Marketing) Mr. Ashwani Sondhi received the trophy from the Minister of Commerce & Industries and Railways, Mr. Piyush Goyal, at a Vigyan Bhawan ceremony recently. The Company has won twenty-four CAPEXIL awards in the past for its export performance, and continues its glorious winning streak with two more. It exported various minerals like iron ore, chrome ore and concentrates earning total foreign exchange of Rs. 1,715 crore during 2015-17.

## RINL adjudged as National Energy Leader



RINL team receiving the awards at Hyderabad.

RINL has been adjudged as "National Energy Leader" for winning "Excellent Energy Efficient Unit Award" for the consecutive three years (2017,2018,2019) by Confederation of Indian Industry (CII), Godrej Green Business Centre during 20th National Competition for Excellence in Energy Management held at Hyderabad yesterday evening. Mr. P K Rath, CMD, RINL congratulated the employees for this one of a kind achievement and exhorted them to implement additional measures to reduce energy to achieve international benchmarks in energy consumption, a vital techno-economic factor in Steel making process. National Energy leader and Excellent Energy Efficient Unit Award have been conferred on RINL-VSP for consistent and progressive performance in energy management, excellent efforts undertaken towards Energy Conservation, Overall Specific Energy Consumption reduction, implementation of Energy Conservation Technologies (such as PCI in BF's, commissioning of COB-5 turbine), Energy



ऑयल इंडिया लिमिटेड

(भारत सरकार का उद्यम)

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- Foray into Renewable Energy - Total installed capacity of 188 MW (comprising Wind and Solar Energy Projects)
- International Credit Ratings - Moody's "Baa2" (Stable) (higher than sovereign rating) and Fitch Rating "BBB-" (Stable) (equivalent to sovereign rating).



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Management System (ISO: 50001), Benchmarking, Road map to reduce energy conservation projects and waste recycling, various innovative. These awards were given away by Mr. D Prabhakar Rao, CMD, Telangana State Genco & Transco and received by Mr. S K Nayak, DGM(EMD) I/c, Mr. K Sudhakar, DGM(O)-EMD and Mr. K Brahmeswara Rao, Manager (M)-TPP, RINL.

## AAI's Indore Airport awarded as Best Tourist Friendly Airport under National Tourism Awards 2017-18

Airports Authority of India's Devi Ahilya Bai Holkar Airport, Indore was conferred with the National Tourism Award 2017-18 at an award function held at Vigyan Bhawan, New Delhi on the occasion of World Tourism Day.



Mr. G Chandramouli, Regional Executive Director (Western Region) and Ms. Aryama Sanyal, Airport Director, Devi Ahilya Bai Holkar Airport, Indore receiving the Best Airport Award.

Devi Ahilya Bai Holkar Airport, Indore received the Best Tourist Friendly Award in 'Rest of India' category. This award was presented to Mr. G. Chandramouli, Regional Executive Director, Western Region, AAI and Ms. Aryama Sanyal, Airport Director, Indore by Mr. Prahald Singh Patel, Minister of State for Tourism (I/c) & Culture, Govt. of India and Mr. Zurab Pololikashvili, Secretary-General of the World Tourism Organization (UNWTO) Hon'ble Vice President of India, Mr. M. Venkaiah Naidu was the Chief Guest during the function. This is the second time; Indore Airport has received this award for their exemplary contribution towards the growth of tourism in the country.

## NLCIL wins Seven Awards

The Apex India Foundation, a non-profit

organization has presented seven awards to different Units of NLCIL on various fields at the Awards Presentation Ceremony held at Goa. Mr. Shripad Yesso Naik, Hon'ble Union Minister of State for AYUSH and Defence presented the Awards. NLCIL won the awards under various categories viz.



Mr. Shripad Yesso Naik, Hon'ble Union Minister of State for AYUSH and Defence presenting, the Award to NLC India Ltd., to Mr. R. Mohan, CGM, Mr. V. Ramachandran, GM and Mr. N. Sendur Murugan, ACM of NLCIL's CSR Department.

- Neyveli Mine-I won Occupational Health & Safety Award (Platinum category) for the year-2019
- Neyveli Mine-II won Afforestation Activity Award (Platinum Category) for the year-2019. The Mine also won two Gold Category Awards namely Eco Innovation Award for the year-2019 and Environment Excellence Award for the year-2019
- In the Corporate Social Responsibility category, NLCIL won CSR Excellence Award (Platinum category) for the year 2019
- The Corporate Environment Cell of NLCIL won Environment Excellence Award (Platinum Category) for the year-2019 (in Thermal Power Sector)
- NLCIL's Learning and Development Centre has won the HR Excellence Award (Gold category) for the year 2019
- Neyveli, Thermal Power Station-II won Occupational Health and Safety Award (Gold Category) for the year-2019

All the seven awards were received by the Units Heads and Senior Officers of the Units/Departments concerned from the Union Minister. Mr. Rakesh Kumar, CMD, Mr. R. Vikraman, Mr. N. N. M Rao, Mr. Prabhakar Chowki, Mr. Shaji John, Directors of NLCIL appreciated the Officers and employees of award winning units/departments for their efforts.

GAIL (India) Limited



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## International Awards in Quality Circles 2019

Quality Circle teams from RINL-Vizag Steel won laurels at International Convention on Quality Control Circles (ICQCC 2019) held at Tokyo, Japan. QC Teams from Coke Ovens department and LMMM department were awarded the prize under 'Gold' category and the team from Roll Shop was awarded under the 'Silver' category.

The RINL team delegation was led by Director (Personnel), Mr. KC Das. The presentations made by our teams were well appreciated by the judges and other teams from different countries as well. The teams also responded confidently to the queries raised by the jury. The convention was organised by JUSE (Union of Japanese Scientists and Engineers). 20 countries (Singapore, India, Indonesia, Malaysia, Korea, Thailand, Japan, Taiwan, China, Bangladesh,



RINL Vizag Team at ICQCC'19- Tokyo.

Philippines, Zambia, Mauritius, Mexico, U K, USA) participated and 211 case studies were presented. From India 38 Companies participated and presented 58 case studies. 1354 delegates from different countries participated in this convention and from India 340 delegates participated.

## REIL declares Dividend of Rs. 2.95 Crore for the Financial Year 2018-19

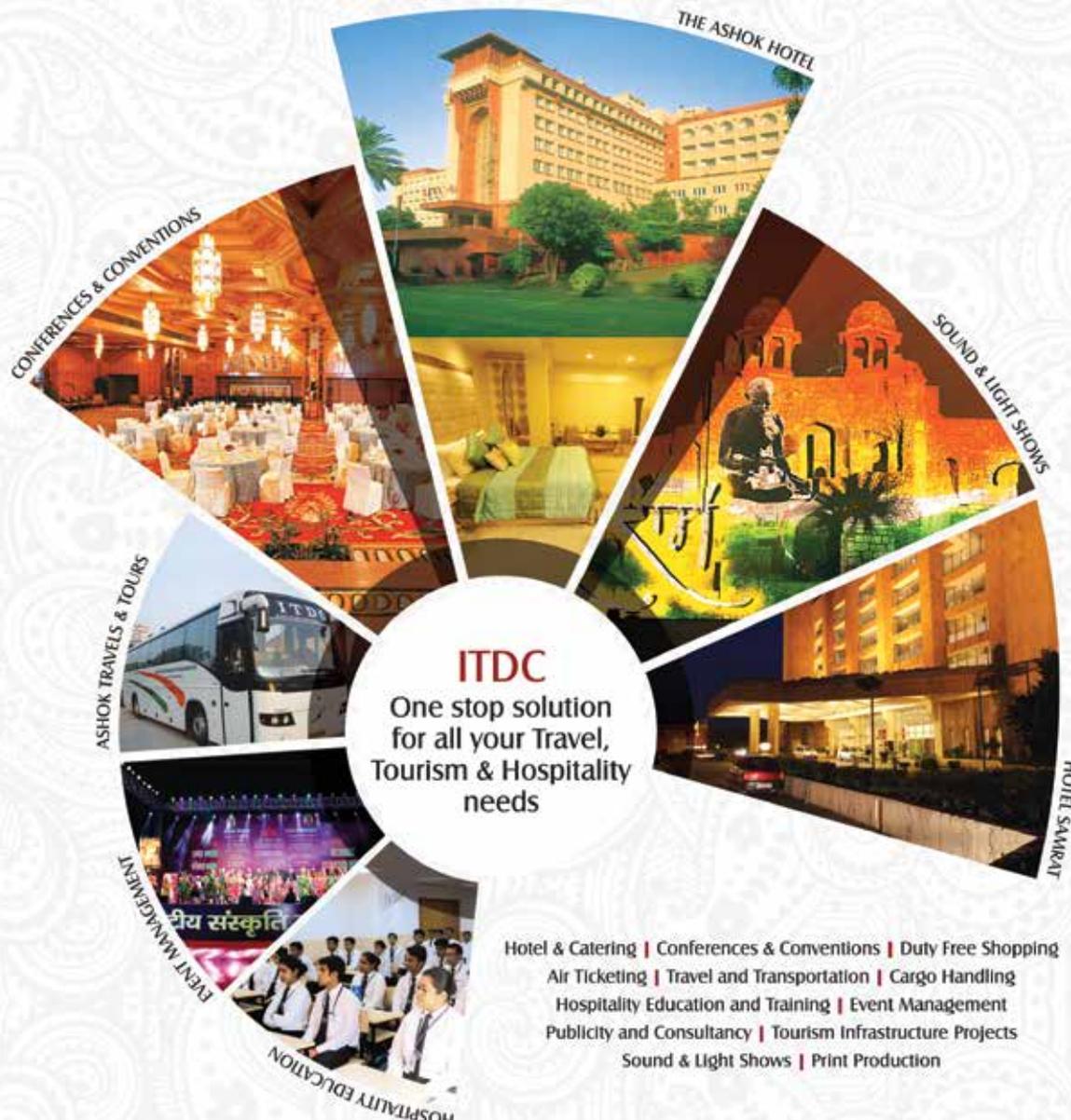
**R**ajasthan Electronics & Instruments Limited declared 20% Dividend on its equity to its Share Holders for the year 2018-19, in its 37<sup>th</sup> Annual General Meeting. On this occasion MD REIL, Dr. A. K. Jain presented statistics for the year 2018-19 which emphasized that the Company has achieved an all time high top line of Rs. 271.29 crore with bottom line of Rs. 10.28 crore during the financial year i.e. an increase of 10.82% in total turnover and 155.72% in PAT as against corresponding previous year. Mr. Ashutosh A. T. Pednekar, Chairman, REIL stated that Company is maintaining profitability with innovative solutions, harmonious industrial relations and the continuous support of valued



customers. Company will scale greater heights in the days to come. He expressed his sincere appreciation and thanks to the Employees, Business Associates, Valued Customers and Share Holders of the Company. On this occasion, Dr. A.K. Jain stated that REIL is bringing clean and green technology to the rural mass through innovation, adoption of new technology, adopting good corporate governance

practices and has aligned its activities in lines with mission of Government of India such as Make in India, National Solar Mission, National Dairy Plan, FAME India, Skilling India, Digital India and Swachh Bharat Mission etc. He also stated that, the Company is contributing the Doubling the Farmers Income Mission of the Country by integrating solar roof top, dairy business and Electric Mobility.

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# Hindi Fortnight Celebrations at NLCIL

Government of India promulgated implementation of Official Language Act on 14<sup>th</sup> September, 1949. To mark this occasion, Hindi Diwas, is being celebrated every year in all Central Government Offices and in Govt. of India undertakings.

Hindi Day was observed at NLCIL. Mr. Hemant Kumar, Executive Director (Mines), NLCIL inaugurated the Hindi Fortnight celebrations at the Learning and Development Centre. A large number of enthusiastic participants took part in the inaugural function. The gathering was welcomed by Mr. N. Sankar, Chief General Manager (HR). The messages of Mr. Amit Shah, Hon'ble Minister of Home Affairs and Mr. Pralhad Joshi,



Mr. Hemant Kumar, Executive Director (Mines) inaugurating the Hindi Fortnight Celebrations in the presence of Mr. N. Sankar, CGM/HR, Mr. S. Shanmugasundaram, CGM/L&DC, Mr. R. Mohan, CGM (CSR).

Hon'ble Minister of Parliament Affairs, Coal and Mines were read out on the occasion. Prizes were distributed by the Chief Guest to the employees who

secured top Three places in the various Hindi Correspondence and Regular Courses and the programme got completed with the vote of thanks by Hindi Officer.

## NRL pays Rs. 154.4 Cr. to Govt. of Assam as Dividend for the FY 2018-19

Natural Gas Refinery Limited has paid a total amount of Rs 154.4 Crore as Dividend to Govt of Assam for the Financial Year 2018-19. Govt. of Assam has an equity holding of 12.35% in the Company.

The final dividend cheque for the Financial Year 2018-19 amounting to Rs. 27.25 Crore was presented to the CM of Assam Mr. Sarbananda Sonowal by NRL Managing Director Mr. S. K. Barua during the CM's visit to NRL in presence of Govt of Assam Ministers and senior officials of the Company.



Mr. S. K. Barua, MD, NRL presenting the dividend cheque to Mr. Sarbananda Sonowal, Chief Minister, Assam.



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# 103<sup>rd</sup> Annual General Meeting of GRSE held



103<sup>rd</sup> AGM of GRSE.

The 103<sup>rd</sup> Annual General Meeting (AGM) of Garden Reach Shipbuilders & Engineers Limited (GRSE) was held at Bhasha Bhawan of National Library, Kolkata. Commenting on the outcome of the Annual General Meeting, Rear Admiral V K Saxena, IN(Retd.), Chairman and Managing Director, Garden Reach Shipbuilders and Engineers Ltd., stated that this AGM had a very special significance as it was GRSE's first AGM after the successful IPO of the Company, wherein the Government of India disinvested 25.50% of its shareholding in the Company. The Public Issue was well received and the shares of the Company are now listed at NSE and BSE. The CMD took the opportunity to extend his gratitude to all the investors for the confidence they reposed in the Company, which was further reflected by the increased market capitalization post listing of its shares.

The performance of GRSE, backed by its excellent order book

position, continued to be strong during the year 2018-19. Gross Revenue registered a growth of 1.88% from Rs.1,528.89 crore in 2017-18 to Rs. 1,557.66 crore in 2018-19. Value of Production increased from Rs.1,345.52 crore in 2017-18 to Rs.1,378.77 crore in 2018-19, a boost of 2.47%. Profit Before Tax (PBT) increased from Rs.127.74 crore in 2017-18 to Rs.178.96 crore in 2018-19, a

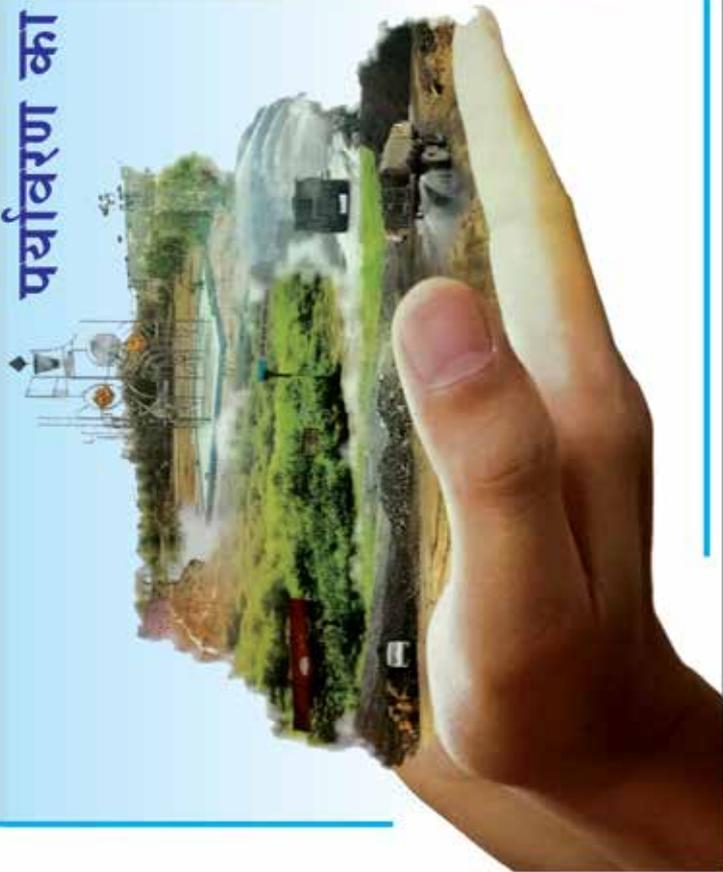
hike of 40.09%. Value Addition per Employee increased from Rs.18.94 lakh in 2017-18 to Rs. 21.05 lakh in 2018-19. Book Value per Share increased from Rs. 89.18 in 2017-18 to Rs. 90.64 in 2018-19. Net Worth increased from Rs.1,021.53 crore in 2017-18 to Rs.1038.30 crore in 2018-19, an increase of 1.64%. The Board of Directors of the Company have recommended a final dividend of Rs. 5.10/- per equity share of face value of Rs. 10/- each for the financial year 2018-19. This is in addition to the interim dividend of Rs. 1.85/- per equity share of face value of Rs. 10/- each which was paid on 28 Mar 19. This marks an increase in dividend per share from Rs. 4.43 in 2017-18 to Rs. 6.95 in 2018-19. The order book position of the Company as on 01 Jul 19 stood at Rs. 27,804 Cr. GRSE signed a contract worth Rs. 6311 Cr for eight Anti-Submarine Warfare Shallow Water Craft (ASWSWC) with the Indian Navy.

## Eminent Engineer Award to Director (Mktg. & Production), HEC

Mr. Rana Subhasis Chakravarty, Director (Marketing and Production), HEC and a Member of SCOPE Executive Board, has been awarded the "Eminent Engineer Award" by the Institution of Engineers Jharkhand State Centre on the 52<sup>nd</sup> Engineers Day Celebration. This award was given to Mr. Chakravarty for his Marketing turnaround of HEC wherein he and his Marketing team have bagged orders which is highest in the last 8 years.



वृक्ष हैं हमारे भूषण, दूर करें प्रदूषण  
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(एक मिनी रत्न कंपनी - कोल इंडिया लिमिटेड का एक उपक्रम)

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## Union Minister for Steel and Petroleum & Natural Gas Inaugurates **Steel 'Chintan Shivir'**- Pitches for 'Ispati Irada' to bring transformational change



**U**nion Minister for Steel and Petroleum & Natural Gas, Mr. Dharmendra Pradhan participated in the Chintan Shivir: Towards a Vibrant, Efficient and Globally Competitive Indian Steel sector, organized by Ministry of Steel. The event aimed to bring all stakeholders together to deliberate on a roadmap for making Indian Steel Sector more vibrant, efficient and globally competitive. Minister of state for Steel, Mr. Faggan Singh Kulaste was also present on the occasion.

Addressing the inaugural session, Mr. Pradhan stated that country aspires to achieve quantum jump to achieve transformational outcome. Quoting the Prime Minister, Mr. Narendra Modi that India is not ready to accept incremental growth the minister said that we all must step up to meet this aspiration. He said Steel industry has an important role to play in the transition to making India a \$5 trillion economy.

The Minister mentioned that with a large domestic market and a growing economy, India's steel usage is set to grow. Launching the new logo of Steel Ministry "ISPATI IRADA", Mr. Pradhan said that we must all work with an

"Ispati Irada" to increase appropriate usage of steel in the country and bring more strength to society. Mr. Pradhan informed that eastern India is on the focus of the Government. Mission Purvodaya envisioned by the Prime Minister strives to work on the paradigm of Eastern India driving national growth. "Steel industry, having a significant presence in Eastern India has a key role in this regard. We are working on to make Eastern India, a steel hub", the minister added. Mr. Pradhan also said that he firmly believes in Hon. PM's idea of Minimum Government, Maximum Governance and stands committed to facilitating growth of Indian steel sector.

Speaking on the occasion the Minister of State for Steel Mr. Faggan Singh Kulaste said that steel is crucial to the development of any modern economy and is considered to be backbone

of industrial development. The Minister said that Steel Industry should focus on capacity expansion and make efforts to increase the production according to the demand. In his address Mr. Binoy Kumar, Secretary Steel said that government is dedicated towards the development of iron and steel industry, which contributes to the economic development of the nation.. The "ISAPTI IRADA" campaign aims to increase appropriate usage of steel in the country and bring more strength to society. The brand "Ispati Irada" will be allowed to be used by entities working on this theme. Brand ambassador of Ministry of Steel and ace shuttler P. V. Sindhu while expressing happiness at the launch of Ispati Irada campaign through a video message, put her weight behind Hon. Prime Minister's call for elimination of single use plastic.

## MMTC holds 56<sup>th</sup> Annual General Meeting

MMTC's 56<sup>th</sup> Annual General Meeting was held at SCOPE Complex, New Delhi with the Company's shareholders and its Board of Directors in attendance. Despite the global economic slowdown, MMTC has recorded a turnover of Rs. 28292.82 crores and a net profit of Rs.81.43 crores during FY 2018-19, surpassing its last year's performance. Addressing the meeting, CMD Mr. Ved Prakash declared that measures are being taken to revamp the Company's operations to maintain and improve profitability in today's competitive business environment. MMTC further declared a dividend of 30%, continuing its streak of positive returns to shareholders.





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# PSEs CSR Activities

## Coal India provides Financial Assistance for restoration works in areas affected by Fani Cyclone



Mr. Sumanta Chaudhuri, Secretary Ministry of Coal presenting the cheque to Mr. Naveen Patnaik in the presence of Mr. Ashish Upadhyay Jt. Secretary, Ministry of Coal, Mr. A. K. Jha, Chairman, CIL and Mr. B. N. Shukla, CMD, MCL.

Odisha has been devastated by tropical cyclone Fani which was an extremely severe-cyclonic storm which hit Odisha on 3rd May 2019. A proposal amounting to Rs. 50.32 Crores was sent by OPTCL, Deptt. of Energy, Govt. of Odisha, the executing agency for restoration of three 220KV and Two 132KV damaged power transmission lines for ensuring full restoration of power supply to PURI, Bhubaneswar, Cuttack and other command areas to Coal India Limited (CIL). The financial support from CIL, the holding company of Mahanadi Coalfields Limited was paid to Odisha State Disaster Management Authority and was presented to the Chief Minister of Odisha by Mr. Sumanta Chaudhuri, Secretary Ministry of Coal, GoI in the presence of Mr. Ashish Upadhyay Jt. Secretary, Ministry of Coal, GoI, Mr. A. K. Jha, Chairman, Coal India Limited and Mr. B.N.Shukla, CMD, MCL to help in restoration of electricity supply.

## HSL committed toward CSR

HSL is committed to the society by undertaking various CSR activities. The shipyard has identified some of the need-based CSR initiatives for the betterment of the local people. RAdm LV Sarat Babu,



Cdr JP Gupta, IN (Retd.), Director (Corporate Planning & Personnel), HSL inaugurating the RO plant.

Chairman & Managing Director, HSL has undertaken CSR projects like providing facilities like RO plant and toilets for High School & Colleges and weekly market at Scindia with a total project cost of Rs 34.67 Lakhs during the FY 2019-20.

An RO Plant has been set up at HS Degree College, Scindia with a project cost of Rs 6.91 lakh. Further, toilets have been constructed with a project cost of Rs 7.33 lakhs separately for boys and girls who are studying in the High School. These projects was inaugurated by Cmde Hemant Khatri, IN (Retd.), Director (Strategic Projects), HSL.

Further, HS High School, Scindia has been renovated with a project cost of Rs. 12.32 lakhs to provide good studying atmosphere to the students. This project was inaugurated by Cdr JP Gupta, IN (Retd.), Director (Corporate Planning & Personnel), HSL. Additionally, toilets have also been constructed with a project cost of Rs. 8.11 Lakhs in the Weekly market at Scindia. This facility can be used by vegetable vendors and public during weekly market. The project was inaugurated by Mr. SV Rambabu, Director (Finance & Commercial), HSL.

## NCL organises CSR Chaupaal

Northern Coalfields Limited organized a CSR Chaupaal to better assess the developmental requirements of the villages and track the ongoing CSR works.

On this occasion, MLA, Singrauli, Mr. Ram Lallu Vaishya, Chairman of NCL CSR sub-committee,



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CSR Chaupal organized by NCL.

Dr. S. M. Jharwal, District Magistrate Singrauli  
Mr. K. V. S. Chaudhary, Director (Technical/Operations), NCL, Mr. Gunadhar Pandey, Director (Finance & Personnel), Mr. Nag Nath Thakur, Non-Official Part-time Director, Prof. A. K. Agrawal, Mr. S. K. Maheshwari, Mr. B. B. Pandey and Ms. Ramilaben Bara, Sarpanch and villagers of 20 villages and councilors and residents of 5 wards of Singrauli Municipal Corporation were present.

During the discussion held in Chaupal, various aspects of rural development including construction of roads, drinking water, education and health, deepening of ponds, increasing irrigation facilities, employment, skill development were discussed. Villagers and sarpanches thanked NCL for the large-scale development work done by the company in their panchayats and wards.

The Baiga tribals of Birkunia Gram Panchayat staged 'Karama' dance. General Manager (CSR) of NCL, Mr. Atmashwar Pathak presented the summary of CSR works of the company. General Managers of NCL coal areas along with large number of officers and employees were present on this occasion.

## Keel-Laying Ceremony of Marine Ambulance Boat for Kerala State Fisheries Department

The 'KEEL-LAYING' ceremony of First of the series (CSL Hull No. BY 110) of Three (3) Nos. Marine Ambulance Boats being built by Cochin Shipyard Ltd. (CSL), for the Department of Fisheries, Govt. of Kerala was carried out at CSL premises, by Ms. J. Mercykutty Amma, Minister for Fisheries, Harbor Engineering & Cashew Industry in the presence of Senior Officials from State Fisheries Department, BPCL & Indian Register of Shipping. The Directors and Employees of CSL were also present for the ceremony. CSL Director Operations, Mr. Sureshbabu

N.V explained the expansion plans of CSL (upcoming new Dry-dock within CSL premises and the new Ship-Lift facility at the premises of Intl' Ship Repair Facility) to the Hon'ble Minister. The Hon'ble Minister appreciated the fact that the technical capabilities of CSL that is normally utilized for large size Defence & Commercial sectors is now available for the service of the domestic & local segment as well.

These Ambulance Boats have an approximate length of 22.5 Mtr, beam size of about 6.0 Mtr and a maximum speed of 14 knots. The vessel will be able to accommodate Two (2) patients and will have a crew capacity of 7, including the paramedical staff. The vessel will also have various paramedical facilities like examination and nursing room, medical beds, mortuary freezer, refrigerator and medical lockers. There will be a Jason's cradle to safely rescue people from sea. Marine ambulances will be used for the rescue and instant treatment to the marine fishermen in distress as well as for normal patrolling.



Ms. J. Mercykutty Amma, Minister for Fisheries, Harbor Engineering & Cashew Industry, Government of Kerala laying the keel for Marine Ambulance Boat.

The vessels are due for delivery in early 2020. BPCL is also supporting the project as part of its CSR initiatives.

## NLCIL donates classrooms worth Rs. 85 lakhs to Neyveli Schools

Mr. R. Vikraman, Director (HR), NLC India Limited inaugurated new classrooms constructed for Tagore Matriculation school and the renovated existing school building at Kamarajar Primary school, Neyveli, that is built at a cost of Rs.85.46 lakhs, under Corporate Social Responsibility (CSR) initiatives of NLCIL. Mr. Vikraman also inaugurated the renovated building of Kamarajar Primary School at Neyveli. While addressing, Mr. R. Vikraman informed that as many as 40 schools are functioning

Interactive Session on

## RECENT CHANGES UNDER THE COMPANIES ACT 2013

**3rd December, (Tuesday), 2019**

Venue: SCOPE Convention Centre, SCOPE Complex  
7-Lodhi Road, New Delhi-110003

### Participation

Senior Management Personnel, Chief Executive Officers, Chief Financial Officers and Company Secretaries from Public Sector Enterprises will find the program extremely relevant and beneficial while implementing the company law and better governance practices.

### Faculty

Eminent faculty from the Industry and professionals with comprehensive exposure to the practical aspects of the subject will address and interact with the participants.

### Nominations

Nominations may please be forwarded / mailed to:

#### Saqib Mehdi

Sr. Manager (F&A) & Program Facilitator  
Mob: 9868260296, Tel: 011 24360661  
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#### Radhika

Legal Executive & Program Coordinator  
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**Standing Conference of Public Enterprises**

Core 8, First Floor, SCOPE Complex 7, Lodhi Road, New Delhi-110003



Mr. R. Vikraman, Director (HR), NLCIL presenting cloth bag to a Student of Kamaraj Primary School, Neyveli, in the presence of Mr. R. Mohan, CGM (CSR) and senior officials of NLCIL.

in Neyveli Township. He further said that NLCIL always give paramount importance for education and fulfill the needs of the schools every year in a phased manner. He advised the student community to work hard and blessed them to become the future leaders of the country.

Dr. V. Kulandaivelu, former Member of Parliament, Chidambaram Constituency and the Patron of Tagore Education Society, Mr. R. Mohan, CGM (CSR), Mr. V. Ramachandran, GM (CSR), Senior officials and employees of NLCIL, students, teachers, parents and public participated in large numbers at the functions. Dr. K.C. Rajabather, Founder of Tagore Educational Society and Mr. A. Selvabharathi, Correspondent, Kamaraj Educational Society, thanked the NLCIL Management for the noble services extended towards the welfare of the down-trodden students.

## Mass Cleaning drive by Cochin Port employees at BOT Junction

Employees of Cochin Port Trust conducted a mass cleaning near BOT Junction in Willingdon Island,



Mass Cleaning Drive organized by Cochin Port Trust.

as part of Swachhata Pakhwada and Swachhata Hi Seva 2019. Dr. M. Beena IAS, Chairperson and Heads of Department of Cochin Port Trust lead the cleaning activity. Five truckloads of waste were removed from the area.

## Pad Distribution: An initiative towards better hygiene among school going girls



MCL officials with school girls.

Considering the importance of menstrual hygiene, MCL, under its Swachhta Hi Seva (SHS)-2019 campaign organised a programme called "Awareness on Personal Hygiene & Distribution of Sanitary Napkins" in A. Katapali Govt. High School, Katapali, Sambalpur district.

Under the programme, MCL distributed sanitary pads among 130 nos. school going girl students. The Programme was organised jointly by both CSR Dept. of MCL & Jagruti Mahila Mandal, Burla.

The Chief Guest of the Programme was Ms. Manuja Shukla, President, JMM, Burla & Chief Speaker was Ms. Payal Pate, popularly known as Pad-Woman of western Odisha. All Vice Presidents- Ms. Padmaja Singh, Ms. Padmini Vasudeven, Ms. Madhoo Mishra & General Secretary, Ms. Ranjita Tripathy were also present in the programme. Girl Students of Class VIII, IX & X actively participated in the programme. Officials of CSR Dept. namely Mr. Arabinda Sahoo, AM (CD), CSR and Mr. Rohit Singh, AM(CD), CSR were also present during the programme.

Not only pads were distributed but also students were made aware on hygienic management of periods. The awareness programme was carried out by Miss Payal Patel.

# NATIONAL WORKSHOP ON "SUCCESSION PLANNING FOR BOARD LEVEL POSITIONS"

Inauguration by  
**Mr. K.D. Tripathi, IAS (Retd.)**  
Chairman, Public Enterprises Selection Board

**7 - 8 November, (Thursday - Friday), 2019**

**VENUE :** Core 8, SCOPE Complex, SCOPE Convention Centre, 7 Lodi Road, New Delhi-110 003

## EMINENT SPEAKERS / RESOURCE PERSONS

- Mr. K.D. Tripathi, Chairman, Public Enterprises Selection Board (PESB).
- Mr. M.K. Gupta, Member, Public Enterprises Selection Board (PESB).
- Ms. Kimbuong Kipgen, Secretary, Public Enterprises Selection Board (PESB) to address on "Modalities for Board Level Appointments".
- Prof. (Dr.) Y.R.K. Reddy, Renowned International Advisor in Corporate Governance & Mr. Nisar Ahmed, former President, Institute of Company Secretaries of India to address on "Dimensions of Corporate Governance & Role of Directors".
- Mr. Gurdeep Singh, CMD, NTPC Limited.
- Mr. Rakesh Kumar, Chairman SCOPE & CMD, NLC India Limited.
- Mr. Atul Sobti, Director General, SCOPE and former CMD, BHEL
- A panel chaired by a former Chairman/Member of PESB - to conduct a Simulation Exercise (Mock Interview).
- A Behavioural Science Expert from AON Hewitt Consultancy - to act as an Observer and provide individual and group feedback.

## WHO MAY ATTEND

This Workshop is intended for participants expected to take up leadership roles in the future. Senior Executives aspiring to the Board Level (including Executive Directors, General Managers, Additional General Managers and Deputy General Managers) from all functional areas, with a track record of achievements, would gain much from this program.

**Nominations may be mailed at the earliest but not later than 31st October, 2019**

### PROGRAM FACILITATORS

**S.A. Khan**  
Group General Manager (Corp. Affairs)  
Mob: 098994 – 02245

**U.K. Dikshit**  
Consultant (Programs)  
Mob. 93131-03329

### PROGRAM COORDINATORS

**R. K. Vasudeva**  
Mob. 098101-89108

**Ms. Hema Koul**  
Mob. 098993-62335

### Standing Conference of Public Enterprises

Core-8, SCOPE Complex, 7 Institutional Area, Lodi Road, New Delhi-110 003.  
Phone: 011-2436-5158, 011-2436-1745, 011-2436-5418 Fax No. 011-2436-1371  
E-mail: scopecd@yahoo.in | Website: www.scopeonline.in

## Distilling and Restoration of Kothavachery Tank in Kurinjipadi Taluk



Mr. R. Vikraman, Director (HR), NLCIL, Mr. M. R. K. Panneerselvam, MLA, Kurinjipadi Constituency, Mr. R. Mohan, CGM (CSR), Mr. V. Ramachandran, GM (CSR) and officials of CSR Department of NLCIL at the site.

The works for distilling the Kothavachery Tank in Kurinjipadi Taluk of Cuddalore District were inaugurated by Mr. R. Vikraman, Director (HR), NLCIL. Speaking on the occasion, he informed that NLC India Limited is allocating three fourth of its CSR funds for various Community Development works in Cuddalore District. The Kothavachery Tank, created 113 years back by the British, is situated in Kurinjipadi Taluk and is the biggest Water body in the Taluk, spread over 166 acres catering to the agricultural needs of 354 hectares of farm lands. It may be noted that around 2500 farmers benefit through this Tank. Acting on the requests of the local MLA, Mr. M.R.K. Panneerselvam and recommended by the Cuddalore District Administration, the NLCIL management allocated Rs.3.08 crores for desilting the Kothavachery Tank.

Mr. R. Mohan, CGM (CSR), NLCIL, Mr. V. Ramachandran, GM (CSR), NLCIL, Senior officers of NLCIL, Officers of the TN Public Works Department and the general public participated in the function.

## PERSONALIA



**Mr. S.C. Mishra**  
takes over as CMD, OIL.



**Mr. P. K. Gupta**  
takes charge as CMD, NBCC.



**Mr. R. M. Agarwal**  
takes additional charge as  
CMD, ITI Limited.



**Mr. D. S. Rana**  
takes over as CMD, EPIL.



**Mr. Anil Kapoor**  
is appointed as Director  
(HR), BHEL.



**Mr. R. Kesavan**  
takes over as Director  
(Finance), HPCL.



**Mr. Anil Kumar Gautam**  
takes over as Director  
(Finance), NTPC



**Mr. Rakesh Misri**  
is appointed as Director  
(Marketing), HPCL.



**Ms. Pomila Jaspal**  
takes charge as Director  
(Finance), MRPL.

# BHEL Net Profit up by 51%; 100% Dividend Declared

**B**harat Heavy Electricals Limited (BHEL) has registered profitable growth in fiscal 2018-19, while continuing to contribute in nation building endeavours. This was stated by Dr. Nalin Shinghal, Chairman and Managing Director, BHEL at the 55<sup>th</sup> Annual General Meeting of the company. Addressing shareholders, Dr. Shinghal said that during the year, the company achieved a profit before tax (PBT) of Rs.2,058 Crore, registering an increase of 30%. Net profit (PAT) for the year stood at Rs. 1,215 Crore, an increase of 51% over the previous fiscal. The topline also grew to Rs.29,349 Crore, as against Rs.27,850 Crore in the previous year. Consequently, a total dividend of 100% has been declared, maintaining BHEL's impeccable track record of paying dividends uninterruptedly for over four decades.

BHEL booked orders worth Rs.23,859 Crore during 2018-19 despite a subdued business environment and increased competitive intensity. Significantly, BHEL has firmly established itself as a leader in the domestic emission control equipment market for thermal power plants with more than 40% market share, by securing orders for 32 FGD packages and 11 SCR packages. The CMD said that during the fiscal, 5,903 MW of generating capacity was commissioned/synchronised. With this, the worldwide installed



Dr. Nalin Shinghal, CMD, BHEL along with other senior officials at the 55th AGM of BHEL.

base of power generating equipment supplied by BHEL has exceeded 185 GW. During the year, BHEL built thermal sets in India

generated an all-time high of 610 billion units, accounting for 60% of the total thermal power generated in the country.

## Secretary (DHI) inaugurates 1900 kg capacity metal-cutting gas plant at BHEL's Bhopal unit

A 1900 kg capacity metal-cutting gas plant, set up at BHEL's Bhopal unit, was inaugurated today by Dr. A.R. Sihag, Secretary, Department of Heavy Industry (DHI), Govt. of India in the presence of Dr. Nalin Shinghal, Chairman and Managing Director, BHEL, Mr. Amit Varadan, Joint Secretary, DHI and Mr. D.K. Thakur, Executive Director, BHEL, Bhopal. Other senior officers and employees of BHEL were also present on the occasion. Significantly, this plant, installed at the Gas & Power Plant Division in the unit, is the first industrial set-up for metal cutting in this capacity range.





# Cross Sectoral HRD Initiatives – NHPC

**N**HPC Limited with its rich experience in construction, operations, maintenance and commissioning of Hydropower Projects organized a series of cross-sectoral technical programs to share expertise and knowledge gathered over the year by NHPC with other organizations. The programs organized were meticulously designed to train engineering professionals from other organizations on the following topics:

- Design & Construction of Hydro Power Projects
- Electrical & Mechanical Aspects of Hydro Power Projects
- Role of Engineering Geology in River Valley & Infrastructure Projects

These programs were designed to enrich executives on the best practices in Hydro Power Sector. The faculty was from within NHPC having rich experience in Design & Engineering and Construction of Civil works. There were participants from



Group photograph of the 3-Day program organized by NHPC for BHEL Engineers on “Design and Construction Aspects of Hydro Power Projects”

CPSEs like SJVNL, THDC, CWC, UJVNL, NEEPCO, CVPP and BBMB etc. In addition engineers from Bhutan also participated. These programs witnessed an overwhelming response from different CPSEs and state utilities. A three days customized program for BHEL Engineers’ was also organized on “Design and Construction Aspects of Hydro Power Projects”. The program was inaugurated by CMD, NHPC, Mr. Balraj Joshi and graced by

Director (Projects), Mr. Ratish Kumar, Director (Personnel), Mr. N.K. Jain, Director (Technical), Mr. Janardan Choudhary and others. While addressing the BHEL Engineers, Mr. Joshi highlighted the importance of understanding civil engineering design and construction aspects of hydro power development for better planning and coordination of erection & commissioning of power stations as per schedule of Hydro Power Projects. Director (Personnel), NHPC, Mr. N.K. Jain, with firm belief in Human Resource Development and strategic vision for cross exchange of knowledge has been inspiration to organize these customized programs.

During the valediction session, the participants in the presence of CGM (HRD), NHPC Mr. Sanjay Sarbhoy and GM-CLD, BHEL Mr. Rajiv Bhatnagar appreciated the program for the design, content & delivery of the program and rated the faculty very high for their knowledge and presentation of case studies.



# NALCO holds 38<sup>th</sup> Annual General Meeting

- NALCO announces record 115% dividend amounting to Rs.1072.73 crore for 2018-19
- Best Performance in a Decade with Rs.1,732 Crore Net profit, a growth of 29% over previous year

National Aluminium Company Limited (NALCO) declared record dividend payout of Rs 1072.73 crore – an increase from 114% in 2017-18 to 115 % in 2018-19, which works out to Rs 5.75 per equity share of Rs 5 each. This is the highest dividend payout since the inception of the Company in 1981. The total dividend for the financial year 2018-19 works out to Rs.1072.73 crores as against Rs.1101.77 crores during the previous year.

Dividend including the applicable dividend distribution tax works out to a payout of 74.65% of the PAT against 98.81% of previous financial year. Till FY 2018-19, Rs. 32,886 crore towards taxes, duties, royalties, dividend etc. out of which Rs. 25,917 crore paid to



Dr. Tapan Kumar Chand, CMD, NALCO addressing the 38th AGM of NALCO.

Central Govt. and Rs. 6,969 crore paid to State Govt. Speaking on the sidelines of the 38th AGM, Dr. Tapan Kumar Chand, CMD, NALCO, attributed the success to team work, strong cost focus and strategic planning. Dr. Chand said, "Year 2018-19 has been an extremely rewarding year for NALCO on all fronts. We have

not only excelled in making production, profit, productivity and people engagement, we have also made exemplary contribution in promoting and putting focus on nature, nurture and future. Sustainability has now become a part of our key business processes, empathy and core of our CSR practices."

## 67<sup>th</sup> Annual General Meeting of HPCL

67<sup>th</sup> Annual General Meeting of Hindustan Petroleum Corporation Limited was held recently at Y B Chavan Centre, Mumbai. During the meeting Chairman and Managing Director along with Functional Directors addressed

the shareholders about the performance of the Corporation during FY 2018-19 and future plans.

Subsequently in the evening, they interacted with the press and responded to Media queries about the performance of the Corporation during FY 2018-19

and future plans.

HPCL plans to invest Rs. 74,000 crore in next 5 years in refining, petrochemical and petroleum marketing. In 2018-19, HPCL recorded highest ever refining throughput of 18.44 MMT and highest ever overall sales of 38.7 MMT.





## Union Minister of Petroleum & Natural Gas and Minister of Steel Reviews Performance of NMDC Ltd.

Mr. Dharmendra Pradhan, Union Minister of Petroleum & Natural Gas and Minister of Steel visited the Head Office of NMDC Limited at Hyderabad. The Minister met CMD, Directors and employees of the company and reviewed NMDC's performance in presence of Mr. G. Kishan Reddy, Minister of State for Home Affairs, Govt. of India. Mr. Pradhan said, NMDC being one of the largest mining companies in India should focus on increasing iron ore production. This will have the benefit of keeping prices in check and ensuring equitable supply of raw material to all steel producers. He further asked NMDC to carry-out sustainable and responsible mining using digital means. The Minister directed that the execution and commissioning of the ongoing projects especially NMDC Iron and Steel Plant (NISP) should be monitored regularly so that it can be completed on priority. Mr. Pradhan also reviewed the Slurry Pipeline Project of NMDC.

Earlier CMD, NMDC, Mr. N. Bajjendra Kumar, IAS welcomed the Minister and stated that this is the first visit of Mr. Pradhan to NMDC Head office and he apprised the Minister about NMDC's performance. He also informed about progress of ongoing projects and assured that best efforts are put to ensure maximising productivity and profitability of the company. Mr. Binoy Kumar, IAS, Secretary (Steel), Ms. Rasika Chaube, IDAS, Additional Secretary, Ministry



Mr. Dharmendra Pradhan, Union Minister of Petroleum & Natural Gas at NMDC in the presence of Mr. G. Kishan Reddy, MoS for Home Affairs and other senior officials.

of Steel, functional directors of of Steel and NMDC were present NMDC, senior officials of Ministry during this meeting.

## NTPC installed capacity is 57,106 MW with two 660 MW units at Tanda & Khargone

With Capacity Addition of Unit -1 of 660 MW of Stage-II of Tanda Super Thermal Power Station in Uttar Pradesh and Unit -1 of 660 MW of Khargone Super Thermal Power Station in Madhya Pradesh, the total installed capacity of NTPC and NTPC group has become 48645 MW and 57106 MW respectively. Khargone Super Thermal Power Station is the India's first ultra-supercritical plant that operates at an efficiency of 41.5 per cent, the high efficiency will result in less coal consumption for generating same amount of electricity resulting in reduction of 3.3% Carbon dioxide emissions. NTPC Ltd. currently operates 54 power stations (23 Coal, 7 combined cycle gas/liquid fuel, 2 Hydro, 1 Wind and 11 solar projects) and has 10 coal and 1 gas station, owned by Joint ventures or subsidiaries taking the capacity to 57,106 MW. NTPC aims to achieve total installed capacity of 130 GW by 2032.



# MDL delivers Scorpene submarine

Mazagon Dock Shipbuilders Limited (MDL) continues the country's 'Make in India' programme, with the delivery of the second Scorpene submarine to the Indian Navy. The Acceptance Document was signed by Cmde Rakesh Anand, Chairman & Managing Director, MDL and RAdm B Sivakumar, VSM, Chief of Staff Officer (Tech), Western Naval Command in presence of MDL Directors and Navy personnel at MDL. Post delivery, the submarine would soon be commissioned into the Indian Navy. Khanderi is named after the wide snouted Saw fish, a deadly deep sea predator of the Indian Ocean. The first Submarine Khanderi was commissioned into the Indian Navy



Cmde Rakesh Anand, CMD, MDL (right) and RAdm B Sivakumar, VSM, Chief of Staff Officer (Tech), Western Naval Command in presence of MDL Directors and Navy personnel at MDL on the occasion of signing of the Acceptance Document for KHANDERI.

on 06 December 1968, and was decommissioned on 18 October 1989 after more than 20 years of yeoman service to the nation. In

true nautical tradition, she will now be 'reincarnated' by MDL to guard the vast maritime interests of our nation.

# ITI Limited launches Cloud Services for Customers

ITI Limited launched its cloud services and solutions platform for central and state government entities, banks, public sector undertakings, small and medium enterprises and Start Ups in India. The newly launched Cloud services include Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS) and Storage as a Service (STaaS). The Cloud facility is expected to achieve optimum utilization of the infrastructure and speed up the development and deployment of various ICT-IOT based applications for customers. It would also help government and non-government enterprises to



Mr. K. Alagesan, CMD, ITI Limited launching the Cloud services of ITI Data Center.

procure ICT services on demand. To host these services from Data Center, ITI has signed an agreement with Connectivity IT Solutions Private Limited (CS) where ITI will host the cloud at its datacenter facility while CS will support with Cloud infrastructure, R&D capabilities

and technical manpower. Mr. K. Alagesan, Chairman and Managing Director, ITI Limited launched the Cloud services of ITI Data Center in the presence of Mr. Narasimha Murthy, Managing Director & CEO, Connectivity Solutions and other senior officials from both the organisations.

# AAI Participates in World Routes 2019 at Adelaide, Australia

**A**irports Authority of India participated in the 25th World Route Development Forum –World Routes 2019 at Adelaide in Australia. The India Pavilion jointly representing Airports Authority of India and Mumbai International Airport at this global event was formally inaugurated today by Ms. Usha Padhee, Joint Secretary, Ministry of Civil Aviation, Government of India in presence of Mr. I.N. Murthy, Member (Operations), AAI; Mr. Kaushik Bhattacharjee, Airport Director, NSCB Airport, Kolkata; Mr. Ajay Kumar Bhardwaj, Airport Director, Pune; Mr. J B Singh, GM (CC), AAI and Mr. Ajay Kumar Verma, DGM (Operations), AAI.

AAI's stall at World Routes 2019 showcased its various technologies and initiatives like GPS-aided Geo-Augmented Navigation (GAGAN) & Skyrev360 and exhibit the milestones achieved by AAI in various facets of



Ms. Usha Padhee, Joint Secretary, Ministry of Civil Aviation, GoI inaugurating the India Pavilion at jointly representing AAI and MIAL in presence of Mr. I.N. Murthy, Member (Operations), AAI; Mr. Kaushik Bhattacharjee, Airport Director, NSCB Airport, Kolkata; Mr. Ajay Kumar Bhardwaj, Airport Director, Pune; Mr. J B Singh, GM (CC), AAI and Mr. Ajay Kumar Verma, DGM (Operations), AAI and Senior Executives of MIAL

Indian Civil Aviation Sector. Apart from this, AAI also marketed vast potential of AAI's International Airports like Chennai International Airport, NSCB Airport, Kolkata; Pune International Airport on this global platform for future destinations. During the event, AAI

delegation met with airlines and other global authorities and presented business cases that could influence the establishment of new air services and grow existing routes to India.

World Routes is the global meeting place for every airline, airport and aviation stakeholder.

## NFL Records Highest Ever Kharif Sale of 27 Lakh MT

**N**FL has achieved 27 Lakh MT fertilizer sales during Kharif 2019 (April – September) which is 25% higher than the previous year sale during this season. Urea sale increased by 20% and DAP sale by 80% during this period. Company imported around 5.73 Lakh MT of DAP, MoP, NPK, APS and Water Soluble Fertilizer which marketing team successfully supplied to the farmers. Commenting on the historic Kharif sales figures, Mr. Manoj Mishra, CMD said that the company pushed big volumes of all types of fertilizers in



this Kharif season and a highly inspired Marketing Team worked very hard to achieve this result.

# Hindustan Shipyard Ltd – Financial Performance

The performance of Hindustan Shipyard Ltd has been declared post completion of 67<sup>th</sup> Annual General Meeting. The CMD, RAdm LV Sarat Babu, IN (Retd) declared that with the best productivity measures and improved morale, the shipyard has undergone a major financial turnaround by achieving operating profit and net profit for the last four consecutive financial years despite legacy liabilities which has taken away a sizable portion



Financial Performance Indicators	2015 -16	2016 -17	2017 -18	2018 -19
Total Income (Rs Cr)	604	650	652	605
Net Profit (Rs Cr)	19	54	21	36
Operating Profit (Rs Cr)	13	37	70	68

of its earnings. HSL has achieved an operating profit of Rs 68.08 Cr and profit after tax (PAT) of Rs 36.23 Cr during FY 2018-19.

HSL has achieved the Operating and Net Profit for last four consecutive financial years for the first time since inception of the

Company that too without any Government Grant. The financial performance indicators of the company have also improved significantly. These indices are now comparable or even better than most shipyards in the country by giving due consideration to the order book position of the company.

## AGM SCOPE Awarded the 'Kalam Ke Sipahi' Award of Excellence



Mr. Pramod Kumar Sinha, AGM, SCOPE was awarded the 'Kalam Ke Sipahi' Award of Excellence for exemplary contribution as a Social Activist by Newspapers Association of India in collaboration with GL Bajaj Institute of Management & Research, Greater Noida. Mr. P. K. Sinha is BIT Mesra, Ranchi alumnus and is presently working with SCOPE. He has had more than 3 decades' of professional journey; progressively from Public Sector to Department of Public Enterprises (DPE) to top management member of leading MNCs.



# PSEs Ink MoU

## BEML and Wipro Infrastructure Engineering in strategic partnership

BEML Limited and Wipro Infrastructure Engineering (WIN) signed a Memorandum of Understanding (MoU) to work together in Aerospace, Industrial Automation, 3D Printing, Artificial Intelligence, and Hydraulic System Engineering. This is a first of its kind MoU for Wipro Infrastructure Engineering with a large Public Sector Enterprise in India. The MoU entails working together on projects, products, systems, services and projects in Defence, DRDO Labs, DPSUs and other relevant government entities in India as well as export customers. Key focus areas include aerospace components and parts through SEZ, metal additive manufacturing and design optimization for new critical aggregates, legacy components & spares, and process automation.



Mr. Deepak Kumar Hota, CMD, BEML seen with Mr. Pratik Kumar, CEO, Wipro Infrastructure Engineering and other Senior Executives of BEML and Wipro after signing MoU.

Signing the MoU, Mr. D. K. Hota, CMD, BEML said, "This partnership will help both companies to make a significant contribution to indigenisation and 'Make in India' initiatives of the Government of India. This will provides us access to WIPRO's capabilities, experience, and skill. It enhances the business interests of both organizations." Announcing the partnership Mr. Pratik Kumar, CEO, Wipro Infrastructure Engineering said, "BEML has a strong lineage of being a heavy engineering company. Given our focus on emerging technologies like 3D Printing & Industrial Automation and sectors like Aerospace, Space and Defence, we see invaluable synergies in partnering with BEML."

## NHPC Signs MoA with IIT Kanpur



Mr. Gobinda Baidya, Executive Director (R&D), NHPC and Prof. S. Ganesh, Dean (R&D), IIT Kanpur after signing MoA between NHPC and IIT, Kanpur.

NHPC signed a Memorandum of Agreement (MoA) for R&D collaboration with IIT Kanpur. The MoA was signed by Mr. Gobinda Baidya, Executive Director (R&D), NHPC and Prof. S. Ganesh, Dean (R&D), IIT Kanpur on behalf of NHPC & IIT Kanpur respectively. This Memorandum of Agreement (MoA) has been signed with IIT Kanpur for availing the services of IIT Kanpur as Consultant for undertaking research and advisory studies within its expertise for ongoing and future activities of NHPC within and outside the country.

## NLCIL setting up a Collaborative Innovation Incubation Centre for promoting Young Innovators

An MoU was signed between NLC India Limited and Indian Institute of Science (IISc), Bangalore, to set up an Innovation and Incubation Centre for helping the young innovators in specific focus areas aimed to develop the core business activities of NLCIL at Bengaluru recently. The MoU was exchanged in the presence of Mr. Rakesh Kumar, CMD, Mr. R. Vikraman, Director (HR), Mr. N.N.M. Rao, Director (P&P), Mr. Shaji John, Director (Power) and Senior officials of NLCIL at Neyveli.

As per the MoU, the Centre for Applied Research and Development (CARD), NLCIL, in collaboration with the Society for Innovation and Development (SID), Indian Institute of Science, Bengaluru, will set



Dr. V. Manoharan, Chief of R&D Unit of NLCIL (Extreme Right) and Dr. Anurag Srivastva, Chief Operating Officer, SID, IISC, Bangalore exchanging the MoU in the presence of Mr. Rakesh Kumar, CMD, Mr. R. Vikraman, Director (HR), Mr. N.N.M. Rao, Director (P&P), Mr. Shaji John, Director (Power).

up an Innovation and Incubation Centre which will focus on innovation work on identified theme areas, such as, Lignite conversion to clean fuel, Emission reduction and carbon capture, Value added product development, Storage batteries, Internet of Things (IOT) solutions, Water purification, Storage batteries, Modern greenhouse techniques etc. It is worth mentioning that IISC, Bengaluru has been recognized by Atal Incubation Mission (AIM) as one of the Institutions for Innovation and incubation centre and also recognized as one of the world class centre for excellence.

Based on the MoU, IISC, Bengaluru will provide 2000 square feet to lead start-ups with support from seed fund by NLCIL with an outlay of Rs. 397.96 lakhs for a period of three years. Young innovators will be invited with proposals to develop proof of concept and prototype towards start up. The MoU signed by Dr. V. Manoharan, CGM/Centre for Applied Research and Development & Corporate Environment Cell, Head of R&D, NLCIL and Prof. V. Rajarajan, Registrar, IISC & Prof. B. Gurumoorthy, Chief Executive, SID, IISC at Bengaluru.

## Agreement for Branding of New Delhi-Bhubaneswar Rajdhani Express signed between NALCO & ECoR to promote Odisha's rich art, culture & heritage

National Aluminium Company Ltd (NALCO) and East Coast Railway (ECoR) came together to set

the wheels rolling by signing an Agreement to promote Odisha's rich art, culture and heritage through branding of New Delhi-Bhubaneswar Rajdhani Express. The agreement was signed in the presence of Dr. Tapan Kumar Chand, CMD, NALCO & Senior officials of the ECoR.

Eminent citizens from various walks of life including award winning actor Ms. Nandita Das, veteran singer Padma Shri Prafulla Kar, world class dancer Padma Shri Dr. Ileana Citaristi and celebrated sculptor Padma Shri Sudarshan Sahu have lauded the effort of NALCO in promoting the art, culture and heritage of Odisha at the national level. The Agreement was signed between Mr. L. Das, DGM (CC&PR), NALCO & Mr. P. K. Samal, Senior DCM, Khurda, ECoR.



Mr. L. Das, DGM (CC&PR), NALCO & Mr. P. K. Samal, Senior DCM, Khurda, ECoR signing the MoU documents.

Mr. V. Balasubramanyam, Director (Production), Mr. Basant Kumar Thakur, Director (HR), Mr. Sanjib Kumar Roy, Director (P & T), Mr. Pradip Kumar Mishra, Director (Commercial), Mr. Somanath Hansdah, Chief Vigilance Officer of NALCO, along with senior officials of ECoR, including Mr. M. L. Ashish Rao, CCM, Passenger-Marketing, Mr. J. L. Jena, Dy. CCM, Passenger Services & Mr. S. Acharya, Sr. CDO, Bhubaneswar were present on the occasion.

## NTPC signs MoU to build hydro projects of 520 MW in Himachal Pradesh

NTPC Ltd signed a Memorandum of Understanding (MoU) with the Himachal Pradesh government to set up two hydro projects totaling 520 MW in the state. The MoU was signed by Mr. Prabodh



Saxena, Principal Secretary (Energy), Himachal Pradesh and Mr. A K Gupta, Director (Commercial) NTPC Ltd in the presence of Mr. Jai Ram Thakur, Hon'ble Chief Minister Himachal Pradesh, Mr. Suresh Bhardwaj, Education Minister Himachal Pradesh, Mr. Mr.kant Baldi, Chief Secretary Himachal Pradesh and other officials and dignitaries at the Power Conclave organised by the State Government in Shimla today.



Mr. Prabodh Saxena, Principal Secretary (Energy), Himachal Pradesh and Mr. A K Gupta, Director (Commercial) NTPC Ltd. exchanging the MoU documents.

Seli & Miyar HEPs are located in Chenab Basin at Lahaul & Spiti district. While Seli HEP (400 MW) is a Run of River Project with pondage scheme, Miyar HEP (120 MW) is a Run of river project without pondage scheme, on Miyar tributary of Chenab River. NTPC has presence in Himachal Pradesh with Koldam Hydro Power Station, the first hydro power project of NTPC Ltd, with an installed capacity of 800 MW. The power station is commercially operational since July 2015 and provides 28% power to the state of Himachal Pradesh.

### **NHPC signs MoU with Govt. of Himachal Pradesh for execution of 449 MW Dugar HE Project**

An MoU was signed for execution of 449 MW Dugar HE Project located in Chamba District between NHPC & Govt. of Himachal Pradesh. The MoU was signed by Mr. Balraj Joshi, CMD, NHPC & Principal Secretary, Energy Govt. of Himachal Pradesh at Shimla on 25.09.2019 in the august presence of Mr. Jai Ram Thakur, Hon'ble Chief Minister of Himachal Pradesh. The Project is a run of the river scheme on Chenab river and its estimated present day cost of the project is 4112 Crores. The Project will generate 1610 MU in a 90% dependable



Mr. Balraj Joshi, CMD, NHPC & Principal Secretary, Energy Govt. of Himachal Pradesh exchanging MoU documents in the presence of Mr. Jai Ram Thakur, Hon'ble Chief Minister of Himachal Pradesh

year with 95% machine availability. The State will benefit by way of free power, Local area development and employment opportunity for Himachalis. The project will bring all round development and prosperity in the project vicinity.

### **AAI and AAICLAS signs License Agreement for in-line hold baggage screening at Indian Airports**



Mr. Keku Bomi Gazder CEO, AAICLAS, Mr. I.N. Murthy, Member (Operations), AAI and Mr. A. K. Pathak, Member (Planning), AAI during signing of License Agreement for In-Line Hold Baggage Screening at Airports

Airports Authority of India (AAI) and AAI Cargo Logistics and Allied Services Company Ltd. (AAICLAS) signed License Agreement for In-line Hold Baggage Screening at Airports, wherein, AAICLAS will be carrying out hold baggage screening function under the control, supervision and administration of AAI at various domestic and international airports. This is in compliance with norms of Bureau of Civil Aviation Security (BCAS) ensuring safe and secure in-line hold baggage screening system.

## NBCC signs MoA for Rs.400 Crore Work Order

NBCC (India) Ltd. signed a Memorandum of Agreement (MoA) with Department of Sports, Ministry of Youth Affairs & Sports, Govt. of India for development of National Sports University at Imphal (Manipur) worth Rs.400 crore. Earlier in the month of September 2019, the Company bagged other works in States like West Bengal, Delhi, Odisha, Maharashtra, UP, Manipur from various esteemed clients, valuing nearly Rs.640 crore. It is worth mentioning that with this new work order, NBCC during the FY 2019-20 and up to September 2019, has secured a total work order of approximately Rs.2,028 crore.

## ITI Limited signs MoU with IESA

To strengthen the electronics system design and manufacturing (ESDM) ecosystem in the country at-large, ITI Limited signed a Memorandum of Understanding (MoU) with India Electronics & Semiconductor Association (IESA), a not-for-profit industry body that works towards enhancing and promoting made-in-India products for world markets. Mr. K. V. Suresh, General Manager, Projects & Planning, ITI Limited and Mr. Anil Kumar Muniswamy, Board Member & Advisor, IESA signed the MoU in the presence of Mr. R. M. Agarwal, CMD, ITI Limited, Mr. S. P. Gupta, Director-HR, ITI Limited, IESA Executive Council, senior officials from ITI Limited and senior officials from Department of Telecommunications and members from IESA. Under the MoU, ITI will provide its infrastructure to manufacture electronic products



Mr. K. V. Suresh, General Manager, Projects & Planning, ITI and Mr. Anil Kumar Muniswamy, Board Member & Advisor, IESA with MoU documents in the presence of Mr. R. M. Agarwal, CMD, ITI and other senior officials.

with special focus on telecom and allied smart electronic products. The MoU envisages setting up of infrastructure to enable ITI develop intelligent electronics ecosystem in the country inclusive of product design, development and manufacturing with a focus not limited to areas such as Telecom, Internet of Things, Smart Cities, Smart Manufacturing, Smart Agriculture and others.

## NRDC, Inks MoA with Chaudhary Charan Singh Haryana Agricultural University, Hisar for 'Commercializing IPs & Technologies'



Dr. H. Purushotham, CMD, NRDC and Dr. M. S. Sidhpuria, Director, Human Resource Management, CCSHAU, Hisar along with the MoU documents.

National Research Development Corporation (NRDC) and Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar entered into Memorandum of Agreement (MoA) for marketing the inventions, patents, formulations, know-how/processes, technologies developed by the institute in the area of Agriculture & allied fields. Dr. H. Purushotham, Chairman & Managing Director, NRDC, New Delhi and Dr. M. S. Sidhpuria, Director, Human Resource Management, CCSHAU, Hisar has signed the MoA in the presence of Prof. K.P. Singh, Vice-Chancellor, CCSHAU, Hisar and other senior officials from both the organizations. 'CCSHAU Hisar' and 'NRDC' recognise the respective strengths of the two organisations and accordingly agree to cooperate in the development of technologies and their successful transfer to private & public sector industries for commercial exploitation for economic and social economic benefits. The NRDC also collects the Premia and Royalties arising from these activities.

## MSTC Stimulating e-Governance through innovative e-Commerce solutions



### DEEP (Discovery of Efficient Electricity Price)

e-bidding & reverse auction portal developed for power procurement by DISCOMS on Short/Medium/Long Term on behalf of Ministry of Power

### SHAKTI (Scheme for Harnessing and Allocating Koyala)

MSTC provided a tailor made software solution for execution of the scheme online for allocation of coal linkage for regulated sector

### UDAN(Ude Desh Ka Aam Nagarik)

Regional Connectivity Scheme-Developed portal for Ministry of Civil Aviation



### Coal Linkage e-auctions

e-bidding platform developed for allocation of coal linkages for non-regulated sectors by CIL/SCCL

### e-RaKAM

Developed an e-platform for farmers to sell agricultural produce on pan India basis. The portal is a joint initiative by MSTC and Central Warehousing Corporation arm CRWC

### Agri-Products for NE

MSTC in collaboration with NERAMAC & CRWC has developed a portal for sale of different Agri-produces like Ginger, Pine apple, broom stick etc

### MSTC METAL MANDI 'M3'

Developed 'M3' portal, which is a virtual marketplace for B2B & B2C transactions for sale and purchase of iron, steel and Non Ferrous products especially

### Allocation of Mineral Blocks:

Two-stage e-Auction System (Technical Bid with IPO-Initial Price Offer first, then Forward e-Auction) developed for Mining Lease & Composite License on behalf of Ministry of Mines (MOM)

### Other Milestones....



Red Sander Wood multi-currency Auctions for AP/Telangana forest Department



Timber auctions for Kerala forest Department



Developed Portal for Export of Petroleum Product for IOCL



TTD Price Quantity Human Hair auctions

देश के विकास दर को है बढ़ाना, भ्रष्टाचार को जड़ से होगा मिटाना



# RECHARGING WATER TABLE REVITALIZING WATER BODIES



## NLCIL - Pursuing excellence in water management

### Jal-Paryaptha

- ❖ Desilting Walajah Tank, Sengal Odai and Middle Paravanar in Cuddalore District - benefitting 33500 acres of agricultural land
- ❖ Desilting of 19 lakes in Cuddalore district- sinking bore wells – installation of Solar Power pumps - benefitting farmers of the district
- ❖ Desilting of lakes in Coimbatore, Thoothukudi and other project areas

### Jal-Udhay

- ❖ Drilling of percolation wells in reservoirs at the recharge zones to charge the sub-soil aquifer
- ❖ Construction of check dams across major drains
- ❖ Large scale rainwater harvesting facilities
- ❖ Treating the storm water collected from the Mines and supplying to domestic purpose
- ❖ Optimum pumping of Ground Water for safe mining operations.

### Jal-Dhara

- ❖ Distribution of butter milk, lemon juice and purified drinking water to public during summer season
- ❖ Providing drinking water through RO based Water Vending Kiosks in heritage places and pilgrim centres
- ❖ Providing drinking water distribution system to quench the parched throat
- ❖ Providing 14 million litres of water per day from NLCIL Mines to Chennai City



**Sustainable Development | Water Conservation | Rain water harvesting | Artificial recharge of Ground Water Table  
Re-use of treated storm water for domestic purpose | Optimum pumping of Ground Water**

**6 DECADES OF MINING AND POWER GENERATION | MINING 306 LAKH TONNES OF LIGNITE PER ANNUM  
GENERATING 49.345 LAKH UNITS OF POWER PER HOUR | 4140MW THERMAL ENERGY | 51 MW WIND ENERGY | 743.50 MW SOLAR ENERGY**

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