

SPECIAL ISSUE

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KALEIDO SCOPE

STANDING CONFERENCE OF PUBLIC ENTERPRISES

75
Azadi Ka
Amrit Mahotsav



Celebration of
Azadi Ka Amrit
Mahotsav

Contents

Message by Dr. Bhagwat Karad	05
Message by Chairperson	06
Director General's Desk.....	07

SCOPE News

SCOPE - ICAI sign MoU for capacity enhancement and knowledge building	08
Interface with Stakeholders.....	09
SCOPE in Media	10

Azadi Ka Amrit Mahotsav

Azadi Ka Amrit Mahotsav	11
PSEs at AKAM Mega Week Celebrations	12-13

Articles

BHEL celebrates AKAM Mega Week with Zeal BHEL	14
Azadi Ka Amrit Mahotsav celebrations by GAIL (I) Limited.....	18
HPCL celebrates Azadi Ka Amrit Mahotsav.....	22
IndianOil - Putting forth the "Nation First" Philosophy	25
NTPC Powering India's Growth	29
ONGC engages in National-building activities through AKAM initiatives	32
SAIL celebrating the Azadi Ka Amrit Mahotsav.....	37
Bharat Electronics Limited (BEL)'s participation in Azadi Ka Amrit Mahotsav celebrations	39
Engineers India Limited celebrates Azadi Ka Amrit Mahotsav	41
HAL marks Azadi Ka Amrit Mahotsav with Iconic Events	45
NBCC Exhibition & Conclave at Gandhinagar, Gujarat.....	49
NMDC celebrates Azadi Ka Amrit Mahotsav with Ispati Irada	51
Programmes and initiatives undertaken by Shipping Corporation..... of India for AKAM	54
AVANI The New Dawn.....	60
The Power of Togetherness !	64
CCL Mining for the nation@75.....	68
ECIL celebrates Azadi Ka Amrit Mahotsav With Zest and Zeal.....	70
GRSE AKAM celebrations.....	73
HCL kindles patriotism, fosters self-reliance & improves lives AKAM Iconic Week celebrations	80

Contents

Celebrations of Azadi Ka Amrit Mahotsav by HLL.....	86
Hotel Corporation of India Ltd. celebrates Azadi Ka Amrit Mahotsav	89
AKAM celebrations at Hindustan Shipyard Limited	91
IREDA celebrates Azadi Ka Amrit Mahotsav	95
IRCTC initiatives for Azadi Ka Amrit Mahotsav	99
IRFC celebrates Azadi Ka Amrit Mahotsav.....	102
Celebrations of Azadi Ka Amrit Mahotsav by Mazagon Dock.....	104
Shipbuilders Limited	
MRPL joins CPSE Fraternity in purposeful celebration of	106
Azadi Ka Amrit Mahotsav	
MSTC Limited celebrates Azadi Ka Amrit Mahotsav	111
NHPC Limited Nation Building by Developing Hydropower since 1975	113
NRL Leading India's Energy Revolution in the North-East.....	117
POSOCO celebrates Azadi Ka Amrit Mahotsav	120
RailTel Partnering Digital Growth of India.....	124
राजस्थान इलेक्ट्रॉनिक्स एण्ड इन्स्ट्रुमेंट्स लिमिटेड, जयपुर रील में 'आजादी	127
अमृत महोत्सव' कार्यक्रम के आयोजन	
RITES Ltd. Contributing its bit in nation-building.....	131
Rail Vikas Nigam Limited Creating a Success Story out of the.....	133
Country's Vision for Robust Infrastructure over the past 19 Years	
THDC India Limited celebrates Azadi Ka Amrit Mahotsav.....	139
WAPCOS – Celebrating Azadi Ka Amrit Mahotsav and.....	143
marching ahead towards "Aatmanirbhar Bharat"	
MOIL organised activities in order to comply Azadi Ka Amrit Mahotsav.....	146
CPCL celebrates Azadi Ka Amrit Mahotsav	147
Andrew Yule celebrates Azadi Ka Amrit Mahotsav	150
Personalia.....	153



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वित्त राज्य मंत्री
भारत सरकार
MINISTER OF STATE FOR FINANCE
GOVERNMENT OF INDIA

26 JUL 2022

Message

I am happy to know that Standing Conference of Public Enterprises (SCOPE), the apex body of Public Sector Enterprises (PSEs) is bringing out a Special Issue of KALEIDOSCOPE, its monthly magazine, on 'Celebration of Azadi ka Amrit Mahotsav by PSEs' which highlights key initiatives undertaken by CPSEs in commemorating 75 years of country's independence.

PSEs have been major contributors to the Indian economy by providing impetus to its socio-economic growth and have always made sincere efforts in fulfilling the developmental agenda of the country, making significant investments that contribute to the country's economic prosperity. Given the changing global scenarios and role of emerging and New India, I am sure PSEs shall continue to play an important role, while aligning themselves to the new requirements of the country and the world at large.

I am happy that SCOPE is coming out with this issue that encompasses the various initiatives of PSEs as they join the nation in commemorating the 75 years of independence. I hope this special issue highlights and forms a reference point for citizens about the incessant role of PSEs in nation building.

I wish SCOPE success in this endeavor.

A handwritten signature in blue ink, appearing to read 'Bhagwat Karad'.

(Dr. Bhagwat Karad)

Message by Chairperson



At the outset I would like to wish all our readers, a very Happy Independence Day. The ongoing 'Azadi Ka Amrit Mahotsav' (AKAM) initiative by the Government, has enthused and awakened each one of us to revel, take pride in our country's heritage, history and culture.

Public Sector Enterprises (PSEs), on their part have been undertaking nation-wide activities as part of this *Jan Utsav*, highlighting their contributions to nation's growth. Encapsulating activities already undertaken and being planned to be undertaken by PSEs under AKAM, SCOPE is bringing out this special edition of KALEIDOSCOPE.

SCOPE, as the apex body of PSEs, continues to represent PSEs on national and international platforms alike and at the recently held Board Meeting of SCOPE Executive Board, various activities undertaken by SCOPE over the past few months were deliberated.

During the meet, the second part of Knowledge Repository of SCOPE Virtual Conferences and Symposiums, curating details of webinars held between October, 2020- March 2022 was released. I request our readers to view the repository and recordings of programs on SCOPE's official website www.scopeonline.in

As Corporate Social Responsibility (CSR) remains an essential part of business to achieve a balance of ESG goals, SCOPE Steering Committee on CSR was recently constituted, to create and assess the impact of CSR activities on key stakeholders and benchmark best CSR practices in PSEs.

SCOPE has, in its attempt to provide PSEs with opportunities for capacity building, resilience and expertise in today's time, recently signed an MoU with the Institute of Chartered Accountants of India (ICAI). This MoU will focus on providing research work in innovative practices and business solutions to PSEs while providing industrial facilitation by way of clarifications on accounting treatments and policies.

Through its continued efforts and engagements, SCOPE intends to create a more conducive and cohesive environment for capacity enhancement in PSEs. I look forward to the continued support and suggestions from our members to bring out meaningful and incremental improvement in our working towards a better PSE ecosystem.

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

Soma Mondal
Chairperson, SCOPE

Director General's Desk



Pursuant to its core tenet of capacity building and skill enhancement of Public Sector Enterprises (PSEs), SCOPE continues to collaborate with renowned institutions and academia to create newer learning interventions. The recently signed MoU between SCOPE and the Institute of Chartered Accountants of India (ICAI), aims at providing research work in innovative practices and business solutions to PSEs, while providing industrial facilitation by way of clarifications on accounting treatments and policies.

Initiating the collaboration, SCOPE with support of ICAI, recently organised an interactive workshop on Preparation of Financial Statements as per Best Financial Reporting Practices which received an overwhelming response.

Owing to their far-flung reach and day to day presence in the lives of citizens of the country, PSEs continue to contribute in the socio-economic progress of the nation and as they participate in

the 'Azadi Ka Amrit Mahotsav' celebrations, this edition of KALEIDOSCOPE magazine is dedicated to these celebrations across the nation by PSEs. We are honoured to receive words of encouragement from Hon'ble Minister of State (Finance), Dr. Bhagwat Kishanrao Karad, reinvigorating PSEs' commitment to nation building and attaining self-reliance.

SCOPE, as part of representing PSEs at various national and international forums, participated in the AGM of UN Global Compact Network India (UN GCNI), various meetings of ILO and Central Board of Trustees, EPF. Also, SCOPE represented PSEs at the Governing Body Meeting of Dattopant Thengadi National Board for Workers Education & Development, constituted by Ministry of Labour and Employment, GoI. I also recently met Shri R. K. Mathur, Lieutenant Governor of the Union Territory of Ladakh to apprise him on SCOPE's activities.

The last few months, SCOPE has undertaken a myriad of activities, which would not have been possible without the guidance of its Executive Board. The recently held Meeting of SCOPE Executive Board deliberated on the various endeavours of SCOPE and the way forward to achieve newer heights of excellence.

In the coming months, SCOPE will continue to navigate newer opportunities, undertake studies, organise programs to create conducive and learning opportunity for all. As the nation celebrates its Independence Day this month, we at SCOPE would like to extend our greetings.

Jai Hind.

Atul Sobti
Atul Sobti

Director General, SCOPE

Programmes & Initiatives launched (since last issue of KALEIDOSCOPE)
SCOPE and Institute of Chartered Accountants of India (ICAI) signed MoU for capacity building in PSEs - 14th July, 2022
SCOPE as associate in Program on Project Management Competence Building - 18th July – 21st July, 2022
Release of Knowledge Repository of Virtual Conference and Symposium Volume-II – 26th July, 2022
Interactive Workshop on Preparation of Financial Statements as per Best Financial Reporting Practices - 29th July, 2022
Programmes & Initiatives in offing
SCOPE & PSEs celebrate HarGharTiranga - 13th-15th August, 2022
SCOPE celebrates Independence Day – 15th August, 2022
SCOPE APSE's 12 th Executive Development program for Executives of CPSEs - 22nd – 27th August, 2022
National Meet on RTI Act

SCOPE - ICAI sign MoU for capacity enhancement and knowledge building



Mr. Atul Sobti, DG, SCOPE; Dr. Jai Kumar Batra, Secretary, ICAI with senior officials of PSEs and ICAI during MoU signing.

SCOPE and the Institute of Chartered Accountants of India (ICAI) signed a Memorandum of Understanding (MoU) for capacity enhancement and knowledge building of PSEs in India on 14th July, 2022. During the signing of MoU between SCOPE and ICAI, Mr. Atul Sobti, DG, SCOPE said “Aiming to be an outcome-based MoU, this collaboration will focus on providing research work in innovative practices and business solutions to PSEs while providing industrial facilitation by way of clarifications on accounting treatments and policies.”

The MoU was signed by Mr. Atul Sobti, DG, SCOPE and Dr. Jai Kumar Batra, Secretary, ICAI in the presence of Members



of SCOPE Committee of Financial Management, Mr. Subodh Gupta, Director (Finance), BHEL; Mr. R. P. Goyal, Director (Finance), NHPC; senior officials of ICAI and SCOPE. The MoU is in

continuation of SCOPE’s endeavours to provide PSEs with opportunities for capacity building in resilience and expertise through enhancement of knowledge, skills and expertise.

Interface with Stakeholders



Mr. Atul Sobti, DG, SCOPE called on Mr. R. K. Mathur, Lieutenant Governor of the Union Territory of Ladakh.



SCOPE as Board Member, participates in the 179th Governing Body Meeting and 79th AGM of the Dattopant Thengadi National Board for Workers Education & Development.

SCOPE in Media

Hindustan Times
22.06.2022 Pg no : 16

SCOPE celebrates Yoga Utsav



Standing Conference of Public Enterprises (SCOPE) organised a programme on 'Self-Empowerment through Yoga' with Mohit D. Gupta, leading cardiologist and motivational speaker as part of Yoga Utsav 2022. The occasion was also addressed by Atul Sobti, Director General, SCOPE.

Hindustan Times
27.07.2022 Pg no : 16

SCOPE - ICAI collaborate for capacity enhancement



SCOPE and ICAI collaborated for capacity enhancement and knowledge building by signing an

THE TIMES OF INDIA
17.05.2022 Pg no : 6

SCOPE releases study on 'future-fluent' leaders

Standing Conference of Public Enterprises (SCOPE) and Center for Creative Leadership (CCL, USA), released first of its kind study on 'Future-Fluent Nation Builders: State of Leadership in Public Sector Enterprises' assessing skill gaps and identifying skill sets to curate a learning module for potential leaders.



The study was released in the presence of Sister BK Shivani, spiritual speaker; Soma Mondal, Chairman, SAIL & Chairperson, SCOPE; Atul Sobti, DG, SCOPE; Pradip Kumar Das, CMD, IREDA; Ranjan Kumar Mohapatra, Director (HR), IOCL; and Elisa Mallis, Muniinder K. Anand and Sunil Puri from CCL. Sister Shivani, Soma Mondal and Atul Sobti spoke on the occasion.

Hindustan Times
6.05.2022 Pg no : 13

SCOPE & Center for Creative Leadership, USA released a study on 'Future-Fluent Nation Builders: State of Leadership in Public Sector Enterprises' assessing skill gaps and identifying skill sets to curate a learning module for potential leaders.



नवभारत टाइम्स
23.07.2022 Pg no : 16

स्कोप और आईसीएआई ने की साझेदारी

वि. नई दिल्ली, स्कूप के महादेशक अतुल सोबती ने स्टेटिंग कॉन्फरेंस में चर्चित एट्रिब्यूटिंस (स्कोप) और व इन्स्टीट्यूट ऑफ चार्टर्ड अकाउंटेंट्स (आईसीएआई) के बीच भारत में सार्वजनिक क्षेत्र के उपक्रमों में क्षमता और कोशल निर्माण के लिए समझौता ज्ञान पर हस्ताक्षर किए। इस अवसर पर उन्होंने कहा कि हमारा उद्देश्य एक मजबूत देने वाला समझौता करना है। हम सार्वजनिक क्षेत्र के उपक्रमों को नए-नए तरीके और विज्ञान से लैस बनाने के लिए शोध कार्य पर अपना ध्यान केंद्रित करेंगे। इस साझेदारी से अकाउंटिंग के तरीके और प्रबंधन पर भी स्पष्टीकरण प्रदान कर इंडस्ट्री में उसे आगने की राह आसान होगी।

The Indian EXPRESS
22.2.2022 Pg no : 16

MOU - SCOPE

A MoU was signed between Atul Sobti, DG, SCOPE and Dr. K Sriharsha Reddy, Director, IMTH, in the presence of other senior officials, to conduct a research-based study on 'Digital Transformation in PSEs.'



Excelsior
20.07.2022 Pg no : 9

SCOPE, ICAI collaborate for capacity enhancement knowledge building

Excelsior Correspondent JAMMU, July 19: Standing Conference of Public Enterprises (SCOPE) has collaborated with the Institute of Chartered Accountants of India (ICAI) for capacity enhancement and knowledge building of Public Sector Enterprises (PSEs) in India. The Memorandum of Understanding (MoU) was signed by Atul Sobti, DG SCOPE and Dr. Jai Kumar Batra, Secretary ICAI in the presence of members of SCOPE Committee of Financial Management, Subodh Gupta, Director (Finance) IHILL, R. P. Goyal, Director (Finance) NHPIC and senior officials of ICAI and SCOPE. "Aiming to be an outcome-based MoU, this collaboration will focus on providing research work in innovative practices and business solutions to PSEs while providing industrial facilitation by way of clarifications on accounting treatments and policies," said Atul Sobti during the signing of MoU. He said the MoU is in continuation of endeavours of SCOPE to provide PSEs with opportunities for capacity building in resilience and expertise through enhancement of knowledge, skills, and expertise.

The Sunday Statesman
29.05.2022 Pg no : 8

DG, SCOPE conferred with Outstanding Leadership Award by IES

-CONFERENCE "NETW/ INDUSTRY INSIGNIA" I
Mr Atul Sobti, Director General, Standing Conference of Public Enterprises (SCOPE) was awarded "Outstanding Leadership Award" by Shri Jagdish Mukhi, Hon'ble Governor of Assam. Recognizing his incessant efforts towards capacity building of Public Sector Enterprises in India, the award conferred by Institute of Economic Studies (IES), was presented in the presence of Smt. Sangeeta Singh, President IES and other dignitaries.



Hindustan Times
24.3.2022 Pg no : 20

SCOPE signs MoU with BASE

A Memorandum of Understanding (MoU) was signed between Atul Sobti, Director General, Standing Conference of Public Enterprises (SCOPE) and Prof. NR Bhanumurthy, Vice-Chancellor, Dr BR Ambedkar School of Economics University, Bengaluru to strengthen PSEs.



THE FREE PRESS JOURNAL
20.07.2022 Pg no : 9

SCOPE - ICAI collaborate for capacity enhancement and knowledge building



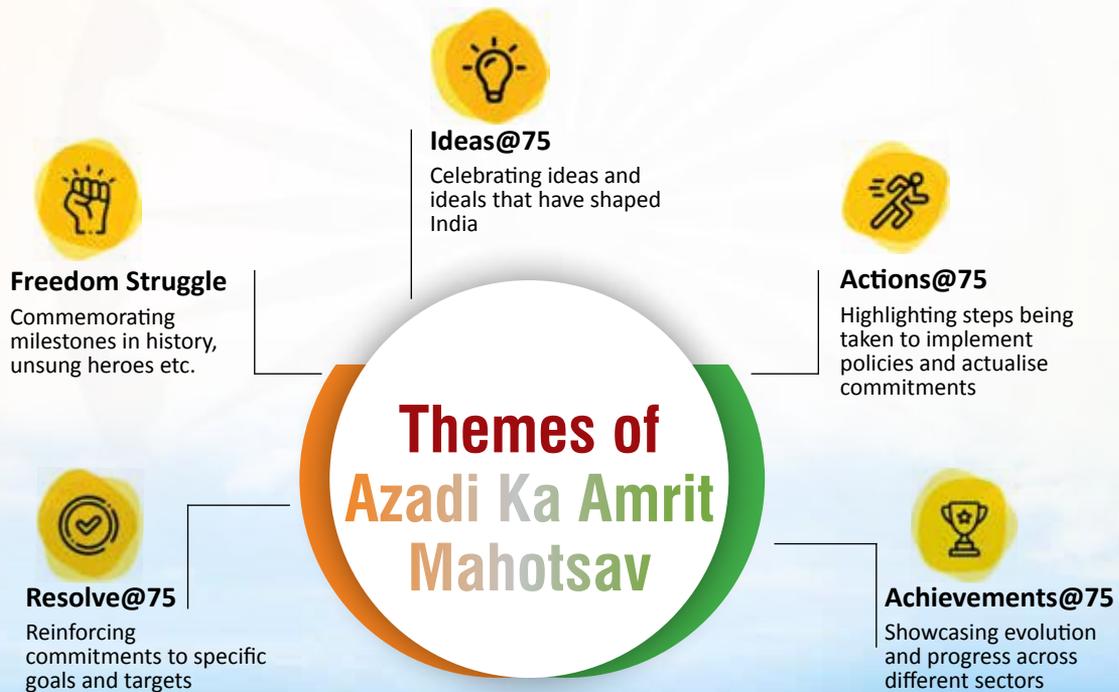
"Aiming to be an outcome-based MoU, this collaboration will focus on providing research work in innovative practices and business solutions to PSEs while providing industrial facilitation by way of

Azadi Ka Amrit Mahotsav

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture and achievements. This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and

potential to enable Prime Minister Narendra Modi's vision of activating India 2.0, fuelled by the spirit of Aatmanirbhar Bharat.

The official journey of Azadi Ka Amrit Mahotsav commenced on 12th March, 2021 which started a 75-week countdown to our 75th anniversary of independence and will end post a year on 15th August, 2023.



Source: Ministry of Culture, Gol.





PSEs at AKAM MEGA

Standing Conference of Public Enterprises
Support
Participating CPSEs



WEEK Celebrations



BHEL celebrates AKAM Mega Week with Zeal

BHEL celebrated 8th International Day of Yoga and Yoga Week 2022 as part of the ongoing AKAM celebrations



Dr. Nalin Shinghal
CMD, BHEL

The country is celebrating Azadi Ka Amrit Mahotsav leading up to our 75th year of independence on 15th August, 2022. The Azadi Ka Amrit Mahotsav Mega Week i.e. the AKAM Mega Week was organised by the Department of Public Enterprises (DPE), in association with SCOPE, from 6th to 12th June, 2022, to showcase their role in building the country's socio-economic prowess, and their future roadmap. The amalgamation of events held during the AKAM Mega Week reflected the 'never say die' spirit of PSEs.

In the same vein, BHEL has always contributed unflinchingly towards nation building and has been resilient in its efforts to put India on the world map as well. With this ever-ready spirit the company took the lead in observing this momentous occasion of India's 75th year of independence by way of celebrating the AKAM Mega Week with fervour. It has been a matter of pride for BHEL to lead from the front and reflect our company's and our administrative Ministry's commitment; and take forward our Hon'ble Prime Minister's vision of re-invigorating the spirit of nationalism through AKAM.

The week - long celebration encompassed an exhibition held at Gandhinagar, Gujarat which was inaugurated by the Hon'ble Union Finance Minister and the Hon'ble Chief Minister of Gujarat, wherein many PSEs participated including BHEL. Tree Plantation drives were held with the aim of planting 75,000 saplings to mark 75 years of independence. BHEL contributed significantly towards achieving this target. Work done towards creation of Smart Cities was also highlighted in this week, apart from other activities. As part of the Azadi Ka Amrit Mahotsav celebrations, the company also celebrated the 8th International Day of Yoga (IDY) on 21st June, 2022 and Yoga Week 2022 was celebrated across the length and breadth of the company from 20th to 25th June, 2022. A big event based on

Common Yoga Protocol (CYP) was held in BHEL's Noida Township on 5th June, 2022 as a run up to IDY 2022 celebrations. BHEL units and regions have also actively participated in the 'HarGharTiranga' campaign held from 20th to 25th June, 2022 as part of the ongoing AKAM celebrations.

Hon'ble Union Finance Minister and Hon'ble Chief Minister of Gujarat visited the BHEL pavilion at the AKAM Mega Show



Hon'ble Union Minister of Finance and Corporate Affairs, Ms. Nirmala Sitharaman and Hon'ble Chief Minister of Gujarat, Mr. Bhupendrabhai Patel, visited the BHEL pavilion and interacted with Dr. Nalin Shinghal, CMD, BHEL at the AKAM Mega Show - Exhibition: Nation Building & CPSEs, held at Gandhinagar from 9th to 12th June, 2022.

Dr. Shinghal briefed the dignitaries about BHEL's



2022. BHEL planted 5,800 saplings across the country in this two-day plantation drive.

A New Basket Ball Court Inaugurated at BHEL’s Noida Township; and A New Road Inaugurated at BHEL’s Jhansi Unit – Important Initiatives towards Smart Cities

long term focus areas and emerging technologies that the company is working on. The Hon’ble Finance Minister congratulated BHEL for its role in Nation Building and the Hon’ble CM assured full support to BHEL for expansion of business opportunities and current projects in the state of Gujarat.



AKAM Mega Show – Plantation Drive

As part of the AKAM Mega Week organised under the aegis of Department of Public Enterprises, Ministry of Finance, Government of India to celebrate 75 years of Indian Independence, BHEL organised a tree plantation drive in its manufacturing units across the country on 6th and 7th June, 2022. As part of this, a sapling was planted by Mr. Subodh Gupta, Director (Finance), at the company’s Corporate Office in New Delhi on 6th June,

A newly constructed basketball court was inaugurated at the BHEL Township in Sector 17, Noida by Mr. Upinder Singh Matharu, Director (Power) and Director (HR) – Addl. Charge, BHEL as part of the AKAM Mega Week celebrations. Stepping up towards discharging the responsibility of developing a smart township, the basketball court which can

Glimpses of AKAM Mega Week – Plantation Drive across BHEL Units & Regions



Bhopal.



Haridwar.



Hyderabad.



Noida.



also be used for skating, has been developed under the 'Innovative Use of Open Space' parameter of this scheme of the Department of Public Enterprises, Government of India. A newly constructed road connecting the BHEL Township in Jhansi to NH-44 was inaugurated by Mr. Vinay Nigam, GM & Head, Jhansi unit as part of AKAM Mega Week celebrations.

8th International Day of Yoga – Union Minister of Heavy Industries presided over the Common Yoga Protocol demonstration in BHEL



As a part of the 75 - day countdown to the 8th International Day of Yoga, a Common Yoga Protocol demonstration was organised at BHEL's Noida township on 5th June, 2022 under the aegis of the Ministry of Heavy Industries.

Dr. Mahendra Nath Pandey, Hon'ble Union Minister of Heavy Industries presided over the event.

Dr. Nalin Shinghal, CMD, BHEL and Functional Directors on the board of BHEL were present in the event. Senior officials of MHI & BHEL, members of BHEL Ladies Welfare Association and a large number of employees and their family members from BHEL as well as from other CPSEs also participated in the event. The event was live streamed across all units and offices of BHEL and other CPSEs under MHI. Instructors from Morarji Desai National Institute of Yoga guided the participants with respect to yoga asanas at the event.

Addressing the gathering, Dr. Pandey highlighted that the initiative taken by the Hon'ble Prime Minister culminated in the UN declaring 21st June, as the International Day of Yoga. As a result, it is celebrated across the world with great enthusiasm. Yoga, India's gift to the world, can help prevent many common lifestyle diseases like diabetes, obesity, stress, heart disease, hypertension and lessen the impact of existing problems. The Hon'ble Minister said that Yoga must be made an integral part of one's life. As a step in that direction, Yoga events are being organised to ensure Yoga becomes part of daily routine.

8th International Day of Yoga – Yoga Event at Puri, Odisha



As a part of Azadi Ka Amrit Mahotsav celebrations, the 8th International Day of Yoga 2022 was celebrated by the Ministry of Heavy Industries with Mass Yoga Demonstration based on Common Yoga Protocol, in Puri, Odisha on 21st June, 2022. Dr. Mahendra Nath Pandey, Union Minister of Heavy Industries presided over the Yoga Day celebrations.

The Secretary (Heavy Industry) was also present on the occasion. CMD, BHEL and Directors on the board of BHEL also participated in the event, along

with other senior officials of MHI & BHEL, local administration and a large number of people and school children.

The Yoga day event at Puri was live-streamed across all units and offices of BHEL and other CPSEs under MHI. During the event, Hon'ble Prime Minister's address to the nation was live-streamed, from Mysuru Palace, Karnataka, to a large number of participants. To commemorate the International Day of Yoga 2022, country-wide celebrations were organised at 75 iconic places under the theme of 'Yoga for Humanity'.

BHEL celebrated International Day of Yoga 2022; Yoga Week 2022

The 8th International Day of Yoga was celebrated across BHEL on 21st June, 2022, during the company's Yoga Week 2022 event, which was organised in BHEL from 20th to 25th June, 2022.

All BHEL units held yoga related activities or participated in activities held by major units to celebrate Yoga Week 2022. Over 20 BHEL units held independent week-long celebrations to mark the occasion. Our units at Ranipet, Haridwar, Hyderabad, Bengaluru, Jagdishpur, Bhopal, Varanasi, Visakhapatnam, Goindwal, Chennai, Thirumayam, Kolkata, Noida, Jhansi, Thiruchirappalli and Nagpur organised many events as did our Corporate Office in New Delhi. Over a 100 yoga related events, demonstrations, lectures, meditation/ breathing/ selfcontrol sessions etc. were held across the company in this week-long programme, as part of the ongoing Azadi Ka Amrit Mahotsav celebrations in the nation. Although there was a hearty response to the events and activities held at all of BHEL's units/regions/ divisions, glimpses of the celebrations from Corporate Office and five of BHEL's biggest units are showcased below:

BHEL observed Har Ghar Tiranga Week from 20th to 25th June, 2022 under the ongoing Azadi Ka Amrit Mahotsav celebrations in the nation. BHEL employees in various units/ regions/ offices hoisted the national flag at their homes and surroundings. Cultural programs were also organised to mark the event.

PSEs have been the building blocks of the Nation since its inception and have played a big role in the socio-economic growth of the Nation. Our

BHEL observed HarGharTiranga Week



Glimpse from BHEL's Jhansi Unit.

country's evolutionary journey is being celebrated through the Azadi Ka Amrit Mahotsav celebration. Fuelled by the self-reliance i.e. Aatma Nirbhar Bharat initiative, Azadi Ka Amrit Mahotsav is an opportunity to showcase the potential of CPSE's in putting India on the road map of the Nation's Make-in-India and Self-Reliance journey. This has been highlighted through various AKAM events and programmes such as AKAM Iconic Week, AKAM Mega Week etc.



It cannot be argued that a fit Nation is the foundation of a strong, robust, rising, capable and calm workforce. To make this a reality, Yoga – India's gift to the world, is being embraced by one and all as a holistic fitness solution for not only the mind and body, but also the soul. The Azadi ka Amrit Mahotsav celebrations are a platform to help Yoga reach the last man, woman and child, and encourage them to make it a part of their daily lives.

BHEL is committed to the celebration of Azadi Ka Amrit Mahotsav to commemorate 75 years of a progressive India, a fit India and the glorious history of India's people, culture and achievements. ■

Azadi Ka Amrit Mahotsav celebrations by GAIL (India) Limited



GAIL (India) Limited

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of progressive India and the glorious history of its people, culture and achievements. As part of the Azadi Ka Amrit Mahotsav celebrations, GAIL (India) Limited has organized, participated and planned events as per the guidelines of MoPNG, to mark the 75th anniversary of India's independence under the aegis of Ministry of Petroleum and Natural Gas, along with other Oil Marketing Companies.

GAIL started the celebration to mark the occasion by organizing webinar on role of energy conservation & alternate energy sources towards India's growth strategy, which covered the major points associated with the ideas and prospective future scenarios in the energy sector of the country. The webinar started with presentation and discussion on gas-based economy and one nation one grid, as per the current vision of the country. It was followed by the second session on alternative sustainable energy sources with main emphasis on Electrolytic Hydrogen. The third session focused on various scenarios of the sustainable energy sources in country followed by the role, importance,

challenges and opportunities on the electric vehicles in the country. The webinar concluded with role of forests in the energy security of Odisha and country as a whole for usage of non-timber forest produce in making brickets. It shall lead to increase in forest cover and will be a step toward making India a carbon neutral country. The session covered every facet of the energy requirement for the country and their probable sources with detailed analysis and breakdown. Eminent researchers, scholars and senior experts presented on these topics making it a huge success.



Taking the events and caravan forward, GAIL in co-ordination with other oil PSUs has organized and participated in Exhibition of the Bio-fuels in 6 different states of the country namely Madhya Pradesh, Delhi, Rajasthan, Telangana, Uttar Pradesh and West Bengal. These exhibitions highlighted various initiatives of GAIL and OIL PSUs in line with the National Bio-fuel policy for Compressed Bio Gas as one of the emerging energy sources for the country. These exhibitions mark the strategic importance of Compressed Bio Gas in India and how India with its raw materials readily available from agriculture and agro-based industries could pave way for being self-reliant and Aatmanirbhar in green and





less polluting fuels. Various aspects of Biofuels like Compressed Bio Gas (CBG), 1G Ethanol and 2G Ethanol were displayed through 3D live models and were explained in detail to the participants along with supportive government policies. General public, students, academicians, and other stakeholders visited the exhibitions and everyone showed keen interest.



GAIL has also organized 09 awareness programs on City Gas Distribution (CGD) and Compressed Natural Gas (CNG) through hybrid modes (physical and online) focusing on the importance of the CGD and CNG for creating a sustainable environment with the adoption of less polluting and clean fuel. GAIL having vast experience of the operation of CGD and CNG in the country also presented its journey in these sectors along with emerging opportunities and challenges. The role of safety aspects, taking into account perspectives of the customers in the natural gas usage and its mitigation was widely popularized through these programs. Other multiple programs conducted across the country and many more planned in future highlights the demands scenarios of the CGD sector in the country along with busting the common myths and fears in the usage of CNG and CGD. Session on Virtual Gas Transmission Solutions for improving gas distribution network, usage of the IT-OT solutions to strengthen the CGD and Hydrogen Blending in

Natural Gas highlighted how technology and innovation adoption has made the business in CNG and CGD smarter, efficient, effective and resilient.

Our country imports around 50% of the natural



gas required for our domestic demand however, Compressed Biogas (CBG) that is part of the SATAT scheme of Government of India could prove a deciding factor in making country self-reliant in energy requirements. To display the progress made by GAIL and oil sector PSUs in this regard, were showcased through a rally of vehicles, which were running on Compressed Biogas (CBG) at Hyderabad. Many auto rickshaw drivers participated in this initiative and awareness session were conducted about bio-fuels usage and its potential to make our country Aatmanirbhar. Once implemented to its full potential, waste sources like agricultural residue, cattle dung, sugarcane press mud, municipal solid waste, sewage treatment plant waste, etc. treated now as waste would be converted to energy and manure thus creating wealth in a sustainable way.



GAIL employees have been a source of strength for GAIL since its inception and have led from front in providing services to every citizen of the country, through various gas value chain products. In the celebration of Azadi Ka Amrit Mahtosav, GAIL employees and their family members participated

with full enthusiasm on the Self-created Patriotic song writing competition, Lori writing and Rangoli competition. These songs reflected the valour of our soldiers, efforts of our farmers and contribution by our citizens for the development of the country. The Rangoli showed the colourful country we are and the unity in diversity we have, along the length and breadth of the country.

Subsequently since April 2022, GAIL has further organized awareness programs/seminars at Hyderabad in Telangana, Jammu in Jammu & Kashmir on City Gas Distribution (CGD) and Compressed Natural Gas (CNG). Awareness drive was conducted at Ludhiana in Punjab through rally of the auto-rickshaws operating on CNG, which displayed information about Azadi Ka Amrit Mahotsav and about ease of using CNG & PNG, on both sides and back of Auto Rickshaws. They conducted awareness rally covering the major parts of city and distributing more than 450 pamphlets containing the information and uses of CNG along with calendar.

As part of the AKAM celebrations, DPE in association with SCOPE planned multiple events in which all CPSEs participated. In one such event, GAIL's 08 work centres planted 4000 trees of

different varieties as per the ecological need of the region from 06.06.2022 to 12.06.2022, highlighting the importance of protecting and safeguarding the environment. The event witnessed enthusiastic participation from the CMD, GAIL, Mr. Manoj Jain and Director (Projects), Mr. Deepak Gupta along with GAIL's employees along with people from nearby areas.



ED (PC-O&M) & OIC, GAIL, PATA, inaugurated a rooftop solar facility for further development of township as Mini Smart City on occasion of "Azadi Ka Amrit Mahotsav" (AKAM) celebrations on



07.06.2022. This 2.64 MW Rooftop Solar facility will provide Green Energy and will generate 7, 44, 600 units/annum, which is one step forward towards the efforts to make GAIL Township self-sufficient in renewable energy. The Rooftop Solar facility is installed in total 05 locations of GAIL Pata Townships





i.e. Dhanwantry Hospital, Shalimar Shopping Complex, DAV Public School, Substation 1 & 3.

In the AKAM Mega show event which was inaugurated by Hon'ble Minister of Finance and Corporate Affairs Smt. Nirmala Sitharaman on 09.07.2022. GAIL participated and showcased its efforts and commitments in the nation building. GAIL's stall at CPSE Conclave exhibition highlighted the growth story, achievements and plans of the Company. The panels highlighted GAIL's contribution to nation building over the years, its diversified portfolio along the entire Gas Value Chain and constant endeavour to strive to fulfil Government's vision for energy security of the country:

- GAIL's history and 1st-in-the country products/projects.
- Company's current diversified portfolio with details.
- Company's pan-India pipeline presence.
- Future plans of the Company.

The social media posts of the event reached to more than 45000 netizens of the country and abroad.



To understand the roadmap for developing an Aatmanirbhar Bharat and the role of CPSEs in making India a global power, CEOs Roundtable was organised by the Department of Public Enterprises (DPE) with an intent to understand what the leaders of the PSEs believe and feel with respect to the roadmap. GAIL was represented in the roundtable by



our Chairman and Managing Director, Mr. Manoj Jain. The roundtable focused on identification of key areas where PSEs may concentrate for building a self-reliant India by analysing and creating solutions for the drivers and challenges in management and operation. The roundtable highlighted for creating benchmark standards against global and domestic peers in the areas like investment in innovation & research, optimum utilisation of funds by the CPSEs. Enhancing strengths and overcoming weaknesses to achieve a self-reliant country through strategic support and direction from Government to help PSEs achieve self-reliance.

Way Forward

Taking these celebrations on Azadi Ka Amrit Mahtosav forward, GAIL has planned wide range of activities under the aegis of MoPNG. As said forests are the lungs of the earth and to support these lungs GAIL will be doing, extensive plantation drives around its areas of operation throughout the country to mitigate the risks of climate change. In our major areas of operation in Natural Gas Value chain, GAIL will continue to reach more and more locations, Pan India, to create awareness on the benefits of the natural gas, contributing towards increasing the percentage of natural gas in country's energy basket. This is in line with the vision of our Hon'ble Prime Minister. Let us join hands by displaying the achievements made by our country, our people and our company in building a Shrestha Bharat. ■

HPCL celebrates Azadi Ka Amrit Mahotsav



The year 2022 has major significance in the lives of Indians. It is the year when our Nation completes 75 Years of its Independence. A year, which resonates with the sacrifices, big and small of millions of Indians who gave us the air to breathe free. A year to celebrate the success and growth of India as a free sovereign republic.

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of progressive Independent India. Through Azadi Ka Amrit Mahotsav India is celebrating the glorious history of its people, culture and achievements. It is an embodiment of all that is progressive about India's socio-cultural, political and economic identity.

HPCL, a Maharatna Company, which is fueling the Nation for more than a century and delivering happiness to the citizens of our great Country through its bouquet of energy solutions have taken up many events and functions to celebrate Azadi Ka Amrit Mahotsav on a grand scale.

Participation in AKAM Exhibition

Department of Public Enterprises with the able assistance of SCOPE and CPSEs organized a magnificent exhibition from 9th to 12th June, 2022



at Gandhinagar, Gujarat. Hon'ble Finance Minister Smt. Nirmala Sitharaman & Hon'ble Chief Minister of Gujarat, Shri Bhupendrabhai Patel inaugurated AKAM Mega Show showcasing the initiatives undertaken by CPSEs to create an Aatmanirbhar Bharat.

HPCL leveraged the occasion to showcase the various Nation-building activities and projects being undertaken by the Corporation. Our Director-Finance & Director-HR (addl. charge) along with Senior Officials were present during the Exhibition and had the opportunity to interact with hundreds of visitors.



Plantation of 15000 trees during Iconic Week

In a nationwide campaign towards a sustainable greener planet, HPCL planted more than 15000 saplings & trees during the Iconic Week celebrations of Azadi Ka Amrit Mahotsav. The campaign was launched as part of the Iconic week of Department of Public Enterprises, Ministry of Finance, Govt. of India.

A Nationwide campaign was launched on 5th June, 2022, World Environment Day by HPCL. On this



occasion, Director Finance & Director HR (addl. charge), Shri Rajneesh Narang along with EDs & Senior officials planted saplings at HP Nagar East & West Colonies of Mumbai.

The campaign was taken forward enthusiastically by SBUs & Departments across the length and breadth of the country through plantation of more than 15000 saplings & trees against an earlier commitment of 4000 saplings & trees.



In years to come this plantation drive by HPCL will lead to absorption of close to 225 to 600 tonnes of CO₂ per year, as a tree normally absorbs between 10 and 40 Kgs of CO₂ per year on an average. Human activities are altering the carbon cycle—both by adding more CO₂ to the atmosphere and by influencing the ability of forests and soils, to remove and store CO₂ from the atmosphere.

Inauguration of facilities under Mini SMART city initiative

In line with celebration of Iconic week by DPE, MoF, HPCL inaugurated certain facilities at its two townships in Mumbai and Visakh to convert them into Mini Smart cities.

Portions of unused land tracts/terrains at Waltair park & Yarada park were converted into Parks by plantation of 2600 air purifier plants suggested by NASA. Rain Water Harvesting facilities and Green Rating certification were also part of the unveiling at HP Nagar East, Mumbai.



Biofuel Exhibition

The Government of India targets reducing the country's carbon footprint by 30-35% by the year 2030. These targets will be achieved through a five-pronged strategy which includes: Increasing domestic production, adopting biofuels and renewables, implementing energy efficiency norms,





improving refinery processes and achieving demand substitution. This strategy envisages a strategic role for biofuels in the Indian energy basket.

In order to showcase, educate and present the opportunity to students, entrepreneurs and allied business community multiple Biofuel exhibitions at Gangtok and Jamshedpur were organized, in addition to the previously held events to propagate

production and usage of Biofuels.

The exhibition included panels, highlighting the technological advancement made in the areas of Bio-Energy along with new projects being undertaken under the aegis of Ministry of Petroleum and Natural Gas (MoPNG) in the field of Biofuels, 3 D live models of 1G Ethanol plant and TPD Fully Automatic Biodiesel plant were displayed in the Biofuels Exhibition.

LPG Safety Seminars

HPCL under the aegis of MoPNG has been able to ease the lives of crores of beneficiaries through Pradhan Mantri Ujjwala Yojana. To encourage safe usage of LPG amongst the beneficiaries, LPG Safety seminars are also being conducted as part of the AKAM celebrations. In these seminars the beneficiaries are informed and advised on the know-how and officials also explain the ways to get PMUY connections under Ujjwala 2.



IndianOil - Putting forth the "Nation First" Philosophy



Shrikant Madhav Vaidya
Chairman, IndianOil



IndianOil, as the 'Energy of India', has carved for itself a niche in the history of national progress, as the very genesis of IndianOil was rooted in the national aspiration to emerge as an economically self-reliant nation.

Aligning the business portfolio with Prime Minister's vision for a green India - "Our growth will be green, it will also be clean, it will also be sustainable, and it will also be reliable", IndianOil propels its energy-drives to fuel the greener, cleaner and more prosperous India of tomorrow. And greener tomorrow invariably entails a concrete focus on energy transition. 2022 is significant in shaping the minds and strengthening the resolve to 'Crafting A Green Future'. Green consciousness has always been embedded in every business endeavour for IndianOil. And it is through this sustained environmental focus, IndianOil have emerged as the driving force behind the country's transitional energy journey. From going all out to usher in the green era of Hydrogen fuel or catalysing the

e-mobility landscape in the country by harnessing the power of EV charging stations and Aluminium Air Batteries, IndianOil is indeed the face of sustainability in the Indian energy sector. While these offer a glimpse of the long-term commitments, IndianOil is also putting in concerted efforts to expand the Gas business across the length and breadth of the country in the immediate future, as gas will play a significant role in India's march towards a low carbon future.



Project Parivartan Inauguration.



Student Visit to Refinery.

Rooted to the fact that PSUs were conceived with the primary aim of social welfare, and the commitment to national progress extends well beyond the confines of business, IndianOil, through its extensive and sustained social forays, is reaching out to the challenged and marginalised sections of the society regularly. From transforming the lives of prison inmates through the platform of sports through 'Project Parivartan', to fulfilling the wishes of terminally ill children, to 'MedhaChatravrithi Yojana' scholarship program for bright girl students, IndianOil is leaving no stone unturned to usher in a brighter tomorrow. Remote Pilot Training Program for Transgenders, a project to bring the third gender to focus and provide them with employment opportunity and social inclusion was launched by IndianOil in Tamil Nadu.

IndianOil's focus on environmental sustainability has been one of the fundamental tenets that drives its growth strategy. Flourishing Eco Parks with acres of green spaces have become mini bird sanctuaries, which serve as a bioindicator and stand testimony to the fact that industry and ecology can co-exist in harmony. More than 300 species of resident and migratory birds thrive in the Company's Eco Parks and green belt areas with

almost double the number of exotic plants and trees growing there.

Creation of a mangrove plantation in a 100 hectare land at Haldia, protection of vulnerable Olive Ridley Turtles through partnerships with the Wildlife departments of Chennai and Odisha and translocation of corals in the Gujarat coastal belt in Vadinar are few examples of biodiversity protection initiatives from IndianOil.

With three refineries in the state of Assam, IndianOil has adopted the Great One-Horned Rhino as its brand mascot. The Great Indian One-Horned Rhino is an exquisite combination of strength, power, and agility. More importantly, its identity is rooted in its Indianness, which resonates with the brand IndianOil.

IndianOil is supporting 'Project Cheetah' under its CSR initiatives and playing a significant role in the reintroduction of the majestic Cheetah in India. The Cheetah restoration project will be a transformational step toward conserving open forests, grasslands, and scrub ecosystems.

From the day of launch of the Azadi Ka Amrit Mahotsav on 12th March 2021, IndianOil has been an active crusader in this initiative of the Government

of India, as we celebrate and commemorate 75 years of independence and the glorious history of India's people, culture and achievements.

During this year concerted focus has been demonstrated to ensure maximum public outreach to create awareness about the activities of IndianOil and ensure that IndianOil's initiatives connect with large number of people. A plethora of activities have been undertaken by IndianOil under Azadi Ka Amrit Mahotsav. IndianOil has reached out to several customers through the unique AKAM Jigyasa Quiz, organizing LPG safety clinics and awareness camps, model retail outlets, student visits to oil refineries, exhibitions related to biofuels, quizzes relating to environment and sapling plantations among many other activities at various locations across the length and breadth of India.

IndianOil in collaboration with The Ministry of Petroleum and Natural Gas and The Ministry of Culture has launched Jigyasa: The AKAM Quiz. 'Jigyasa, the quest for knowledge', a grand heritage quiz competition that aims to celebrate Azadi Ka Amrit Mahotsav, was launched by Mr. Hardeep Singh Puri, Union Minister for Petroleum and Natural Gas, Housing and Urban Affairs at Sushma Swaraj Bhawan, New Delhi.

One of the key motivations of Jigyasa is derived from PM's commitment to Antyodaya. Jigyasa is truly inclusive in nature, encouraging global participation, taking care of the needs of Divyangjan, and being a blend of online and offline modes. JIGYASA is available in English and 16 Indian languages, thereby capturing the diverse footprint of the world's only living civilization.

Winning team members are eligible for a scholarship of INR 10 lakh each. Jigyasa is aimed at kick-starting a conversation on the idea and ideals of Bharatiyata across 742 districts of India. For those in the age group of 13-18 years of age, Jigyasa offers them the opportunity to qualify as district winners who subsequently go to State, Regional and National levels. Jigyasa aspires to be truly inclusive in nature and supports Divyang Jan and those who are not a part of the formal education system.

Highlighting IndianOil's commitment to the belief that it is possible to fuel the energy needs of the nation while also protecting people and the environment, an increased number of LPG Safety Clinics, which otherwise is a regular activity, were organized at various locations across the country.

During the program, the Indane LPG customers were sensitized about the safe use of LPG, various advancements in the booking and payment procedure, various products, and schemes of Indane Brand. Customers were also made aware of various customer grievance platforms.

The poster features logos for the Ministry of Petroleum and Natural Gas, Ministry of Culture, Azadi Ka Amrit Mahotsav, AKAM, and IndianOil. The text reads: 'As India celebrates 75 years of independence, time to make it a joyful learning experience. AKAM JIGYASA QUIZ'. It lists four key features: 'Quiz can be played in 17 languages', 'Prizes worth ₹ 55 lakh to be won', 'Students between 13 to 18 years of age can participate', and 'All, irrespective of age can participate through Play Along option'. It includes the website 'www.akamquiz.com', the instruction 'register yourself and play Jigyasa every day.', and a QR code labeled 'Scan to Register'. A circular inset shows a student using a laptop.

As part of AKAM, Model Retail Outlets with Tiranga on the canopy were also launched at various places in the country. These outlets are benchmarks in customer services, where fuels in all forms of energy are available for transport vehicles. Indian Oil has always been at the forefront of offering best customer services and high-quality fuel to its customers and in line with this, XP95 branded petrol has also been made available at these outlets.

Visits were arranged for school and college students to IndianOil Refinery Units across the country, with an objective to help students gain first-hand information regarding industrial operations and processes in oil refining industry. They were given an overview on IndianOil and the genesis of the Refinery units and basic safety training before the first-hand view of refinery operations. The interaction with the officials gave the students exposure



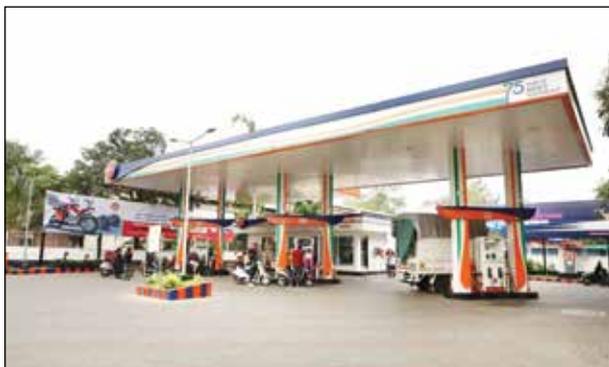
Inauguration of AKAM Jigyasa Quiz.



LPG Safety Clinic.



Tree Plantation.



Model Retail Outlet.

to current industry practices bridging the gap between industry and academia.

The trajectory of IndianOil's rise, breaking the stronghold of foreign multinationals to usher in an era of energy independence, syncs perfectly with the great Indian growth saga. While IndianOil has been setting new benchmarks of excellence to take India's energy sector forward for over six decades now, it has also been steadfast in shouldering the "Nation before business" mandate. And this pride is the most significant incentive to excel while serving the billion-plus Indians. ■

NTPC Powering India's Growth



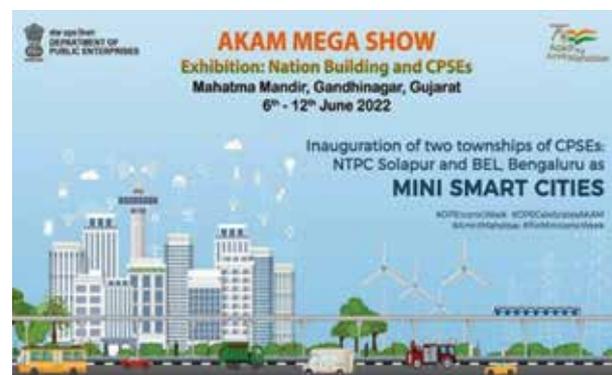
Smt. Nirmala Sitharaman, Hon'ble Finance Minister of India inaugurated NTPC's first mini smart city in Siddheshwar Vidyut Nagar located at NTPC-Solapur, Maharashtra from AKAM Mega Show held at Gandhi Nagar Gujarat on 9th June, 2022 with Shri Bhupendrabhai Patel, Hon'ble Chief Minister of Gujarat.

NTPC township in Solapur has been influenced by the Smart City Model that the Government of India is promoting across various locations in the Country.

Smt. Nirmala Sitharaman, Hon'ble Finance Minister of India inaugurated NTPC's first mini smart city in Siddheshwar Vidyut Nagar located at NTPC-Solapur, Maharashtra with Shri Bhupendrabhai Patel, Hon'ble Chief Minister of Gujarat, as part of Azadi ka Amrit Mohatsav, AKAM Mega show organised from 6th to 12th June 2022 in Gandhinagar, Gujarat.

The Government of India is encouraging smart cities to fuel the economic growth of the country and

to enhance the quality of life of people by developing the local areas and enabling the use of technology to lead to Smart outcomes.





NTPC showcased its contributions and growth plans at the AKAM show by setting up an impressive exhibit. The stall set up by NTPC was visited by Hon'ble Finance Minister and CM Gujarat during the inauguration ceremony, NTPC CMD and other dignitaries were present on the occasion.

Shri Gurdeep Singh, CMD NTPC also attended the CEO Conclave organised on the occasion.

The NTPC exhibit showcased the growth story of NTPC from inception and the new areas and initiatives the company is venturing in were depicted through colorful translights and diarama. NTPC has a total installed capacity of about 70GW from solar, hydro, coal, wind and gas power stations.



NTPC is establishing itself as an 'Integrated Energy Company', powering India's growth story. The company features amongst the Best Employers and Great places to work for in the country. The company also showcased its CSR initiatives, Girl Empowerment Mission (GEM), the flagship CSR initiative which has received widespread acclaim for supporting the upliftment of girls, with focus on girl child from the villages around NTPC projects.

NTPC is also supporting Archery as a sport in partnership with Archery Association of India to nurture the potential of Archers and provide a stage to



the youth of the country to showcase their skill and talent and lift up India's reputation in the field of Archery globally.

The video wall showing films of NTPC and Power quiz were the other attractions at the stall.

NTPC is India's largest power utility having installed capacity of 69,134 MW. The company is

generating 24% of total electricity in India with 17% share of country's total installed capacity.

NTPC has played a pivotal role in shaping the power landscape of the country. It has leveraged its potential as a power and renewable energy behemoth and achieved major milestones since its inception in 1975. ■

ONGC engages in national-building activities through AKAM initiatives



Dr. Alka Mittal
CMD, ONGC

Oil and Natural Gas Corporation Limited (ONGC) has taken a leap ahead of other Public Sector Undertakings (PSUs) in celebrating Azadi Ka Amrit Mahotsav (AKAM), an initiative of the Government of India to mark 75 years of independence and the glorious history of its people, culture and achievements, by organizing and participating in several nation-building activities in recent months.



With the discovery of Mumbai High, ONGC put India on the world oil map.

The most important of them all was the recent visit of Union Minister of Finance and Corporate Affairs of India, Nirmala Sitharaman and Gujarat Chief Minister Bhupendra Rajnikant Patel to the ONGC



ONGC Pavilion at Exhibition on 'Nation Building and CPSEs' in Gandhinagar, Gujarat.

pavilion on 9th June, 2022 to inaugurate the exhibition on 'Nation Building and CPSEs' for the AKAM mega show at the Mahatma Mandir Convention & Exhibition Centre in Gandhinagar.

Based on Prime Minister Narendra Modi's vision of 'AatmaNirbhar Bharat', the exhibition had 75 Central Public Sector Enterprises (CPSEs) showcasing their contributions to the same. Displaying many samples of crude oil and rocks, the pavilion primarily highlighted ONGC's journey since 1956, with its many achievements, both national and international, shaping the evolution of India's self-reliance.



Union Finance Minister Nirmala Sitharaman & Gujarat Chief Minister Bhupendra Rajnikant Patel in conversation with CMD, Dr. Alka Mittal & Director (Finance), Pomila Jaspal.

Earlier in May, ONGC also participated in the '3rd edition of National PSU Summit' organized by ET Government under AKAM in New Delhi, where CMD and Director (HR), Dr. Alka Mittal highlighted how adopting digital technology makes PSUs competitive globally, self-reliant and reduces business risks. She also noted that the Energy Maharatna is increasing its share of gas in the country's energy basket in accordance with Prime Minister Narendra Modi's vision of achieving 15 percent share of gas by 2030.

Showcasing its aggressiveness in the oil and gas exploration campaign, the Energy Maharatna has planned to invest Rs. 31,000 crore in the next three fiscal years, 50 percent more than that of the last three fiscal years. It is also working on 70,000 line kilometers (LKM) of state-of-the-art 2D broadband seismic data Acquisition, Processing and Interpretation (API) in West Coast, East Coast and Andaman Offshore. After the government facilitated release of about 96,000 sq. km of 'No Go' area; ONGC will accrete 45,000 sq. km out of this. Around 5 lakh sq. km will come under active exploration by 2025. Leveraging state-of-the-art technologies and collaborating with reputed global majors, ONGC is also enhancing its oil and gas production capabilities.

At the same time, ONGC is also committed to reducing its carbon footprints and ensure a sustainable development path. As part of this mission, the Maharatna is looking beyond hydrocarbons; be it renewables or geothermal or offshore wind. Its total installed capacity of renewable energy is about 184 MW. Another 20 MW solar projects are under development at various work centers across the country. ONGC is also conducting a pilot project in developing the country's maiden geo-thermal energy project at Puga Valley in Ladakh.

ONGC is looking forward to latest technological measures to reduce emissions and working on a Carbon Capture Utilization and Storage (CCUS) pilot project in collaboration with the Indian Oil Corporation for CO₂ - EOR at Gandhar field of Ankleshwar.

In addition, ONGC is looking at the entire gamut of opportunities in the energy sector, especially since it is a pioneer in research in Hydrogen. It has an ONGC Energy Centre (OEC) for Research, Development & Demonstration (RD&D) in the area of hydrogen, geo-thermal, biotechnology, CO₂ valorization, uranium, helium, solar thermal etc. OEC carries out research through its own scientists/research teams as well as collaborative projects with the leading national academic and research institutions. OEC is collaborating with leading national centers of excellence to develop the processes from concepts to technology development. It is to note that OEC has been working on developing highly-efficient clean and green indigenous hydrogen generation technologies using thermo-chemical water splitting processes that utilize high temperatures,

which may be obtained from renewables especially solar and/or nuclear sources.

Additionally, ONGC is also entering into offshore wind power generation as per its long-term strategic blueprint 'Energy Strategy-2040'. It has recently carried out a feasibility study for the development of a suitably sized offshore wind project in hybrid with onshore wind and solar and looking to scale up our renewables portfolio. It is credited with having 15 Clean Development Mechanism (CDM) projects registered with the United Nations Framework Convention for Climate Change (UNFCCC).

Hence, the Maharatna champions the concept of a green economy and operational sustainability, with a strong focus on the empowerment of the workforce, the creation of opportunities for decent livelihoods, fair labor compensation, and integrated governance. ONGC's Reserve to Replacement Ratio (RRR) is more than 1 for the last 13 years, implying that ONGC is accreting more oil and gas reserves than what it is producing; which is in the interest of operational sustainability.

Meanwhile, as part of its social commitment, ONGC is one of the biggest CSR spenders in the country and progressively aligning its CSR with the needs of communities in all its operational geographies. ONGC is also an equal opportunity employer with zero tolerance to any discrimination on the basis of caste, religion, gender or region.



CMD and Director (HR), Dr. Alka Mittal addressing the 3rd edition of the National PSU Summit-2022.

ONGC organized a workshop 'Awareness of Labour Laws for Workmen & Employer' at Uran Plant on 11th March 2022, in association with the Union Ministry of Labour & Employment.

Being a responsible corporate citizen, ONGC has also carried out number of initiatives, ranging from webinar on technical issues to promotion of



ED-Plant Manager, Uran, Indrajit Guha welcoming Regional Labour Commissioner (Central) Mumbai, B. S. Rathor and his team at the workshop that was held to mark the Iconic Week of AKAM during 7 - 13 March 2022.

handicrafts of various parts of country; six programs on promotion of handicrafts have made the people aware of those art forms and renewed interest in the traditional art forms of the country. To uplift traditional art and handicraft forms of India, the ONGC Foundation has developed the projects, such as 'Livelihood and Entrepreneurship Development – Bamboo Handicrafts Training', 'Livelihood and Entrepreneurship Development of tribals from Bhotiya Tribe', 'Livelihood and Entrepreneurship Development through Ujjal Abahaan' as well as 'Lac Handicrafts Unit for Training and Development', under Azadi Ka Amrit Mahotsav in partnership with expert agencies that have experience in promoting various kinds of art and handicraft.



ONGC is supporting the traditional art and handicraft forms of India.

In the 83rd edition of his weekly radio show Mann Ki Baat on 28th November, 2021, Prime Minister Narendra Modi highlighted how ONGC is celebrating Azadi Ka Amrit Mahotsav differently in comparison to other PSUs. ONGC has taken school and college (mainly engineering) students

to various oil-field site visits, to create awareness among the young minds who will build the India of the Future. Since September 2021, around 1000 students have visited various ONGC locations like Ankleshwar, Assam, Tripura, Rajahmundry, Ahmedabad, Cambay, Cauvery, Mehsana, among others. To provide an insight into various oil-field operations of ONGC, and inculcating passion for nation-building, a study tour for students from Godavari Institute of Engineering & Technology (GIET) in Rajahmundry was organized from 5 to 9 October, 2021. The trip gave them an insight into the operations of the Mini Refinery at Tatipaka and Gas Collecting Station at Kesanapalli, with five groups of around 25 students each.

In continuation of the study tours, from 8th to 10th November, 2021, 105 students of class IX, X and XI, from Kendriya Vidyalaya, Chandkheda, visited the Oil drilling Rig deployed at Dhamasana village in Ahmedabad. In three groups of 35 students, they were explained the functioning of hydraulic rigs by the drilling engineers. On 5th January, 2022, 106 students from Kendriya Vidyalaya of Agartala ONGC North Colony visited Tripura Asset's petroleum Installation, where they were explained the intricacies of energy business at ADB Gas Collecting Station.

125 students from Sibsagar Commerce College in Sivasagar visited ONGC's Assam Asset on 23rd March, 2022, belonging to three different levels, including BA, B. Com and M. Com. Divided into five groups, they travelled to North Assam's highest producing oil field, Geleki, to witness both Drilling and Production Installation as well as Drill Site Accommodation. Students of Class IX and X from Kendriya Vidyalaya, Chandkheda, visited Group Gathering Station (GGS) Motera in batches from 4th - 6th April, 2022 as a part of the Azadi Ka Amrit Mahotsav. The students had an enriching experience and gained insights into the techniques and technologies involved in a



Students at the GGS Motera.

GGS, including the processes taking place once the oil has been extracted from deep underground. A week later, a group of 50 students from HRH Prince of Wales Institute of Engineering & Technology (PoWIET) in Jorhat, Assam, visited the GGS and other oil-Drilling sites of ONGC in Borholla (in Jorhat district) on 11th - 12th April.

The official journey of AKAM commenced on 12th March, 2021, as a 75-week countdown to India's 75th anniversary of independence and will end post a year on 15th August, 2023. This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Narendra Modi's vision of activating India 2.0, fuelled by the spirit of Aatmanirbhar Bharat.

Hence, in Prime Minister's words, "It is a festival of the awakening of the nation, the festival of fulfilling the dream of good governance, and the festival of global peace and development."



ONGC is committed to enrich the lives of communities around its operational centres.

In a bid to increase commitment to safety, health and environment further to enrich the quality of community life for both the internal and external stakeholders, ONGC is intending to align the needs of the community in respective geographies with CSR programs benchmarked to UN Sustainable Development Goals (SDGs).

The ONGC Cycling Association, Dehradun, conducted a 12 km cyclothon from 4th to 10th March, 2022 as an initiative towards the safety and security of the people, particularly under the newly emerged scenario after the COVID-19 pandemic.



The event received an overwhelming response with participation of around 100 participants.

In its 66 years of illustrious journey, ONGC has crossed many milestones to realize the energy aspirations of India. Apart from contributing over 68 percent of Indian domestic production of Oil and Gas, ONGC has also built indigenous capacity in this business; ONGC now has a unique distinction of being a company with in-house service capabilities in all areas of exploration and production of oil and gas and related oil-field services. ONGC's superlative efforts have resulted in converting earlier frontier areas into new hydrocarbon provinces.



ONGC is one of the most gender diverse exploration & production company.

Hereby, ONGC, today, is one of the largest exploration and production (E&P) companies in the

world. Integrated across the entire energy value-chain, the global Energy company is a Schedule 'A', listed Maharatna Central PSE in E&P sector, under the administrative control of the Ministry of Petroleum and Natural Gas, which holds 58.90% of its shareholding.

Experts have predicted that the global energy demand is expected to reach ~18 billion toe by 2040 (CAGR of ~1%), driven by robust growth in emerging markets such as India. While the quantum of demand and contribution from different energy sources will depend on how different megatrends and technology disruptions play out, a few directional movements are already being observed. Primarily driven by cost competitiveness, climate change awareness and strong regulatory push, the share of renewables in the total energy mix is sure to increase.

Comparatively, India's energy demand is expected to double by 2040 (CAGR of ~3%), driven by a low current per capita energy consumption and strong expected economic growth. The quantum and mix of India's energy demand could evolve differently based on the pace of economic growth India achieves and technology disruptions which continues to happen.



With its discovery in Cambay (Gujarat), ONGC dispelled the myth that there is no oil in India except in Assam.

ONGC's vision attains added relevance and importance in this context. To meet its dual organizational purposes – playing an anchor role in India's energy security and maximizing its value – ONGC is focusing on creating a diversified energy play in the long run. This vision translates into a set of key strategic imperatives for the ONGC group across business areas – domestic upstream, international upstream,

downstream / midstream, renewables and new frontier areas with low carbon energy options as well. ONGC envisages to become a diversified and integrated energy player with a diversified portfolio of strong contributions from non-exploration and production (E&P) businesses; 3 times revenues and ~5-6 times market capitalization in the next 10 years. This will ensure the resolve towards achieving energy security for the country and enhance indigenous supply of energy with uninterrupted supply commitment.

Interestingly, it also plans to promote technology innovation and Make-in-India efforts by leveraging competitive advantages in R&D and technology with involved people and promoting indigenous industries.



Around 27000 Energy Soldiers of ONGC are toiling 24/7 for national energy security.

ONGC, being one of the largest CPSEs, has efficiently showcased its journey of oil and gas exploration and production. Since its inception in 1956 till date, it has discovered 8 out of 9 producing basins of India. In fact, since independence, all the 8 producing basins are discovered by ONGC only. The key achievement of ONGC from the AKAM mega event is networking with the stakeholders. Various strategic sector CPSEs from petroleum to power, steel, defence sector, heavy engineering and financial sectors, who are working extremely hard and infusing the latest technology to make India self-reliant and ensure strength to the emerging Indian economy to attain the target of 5 trillion USD by 2024-25. Networking with these CPSEs and other related stakeholders resulted in ONGC appreciating its strategic role in the Indian economy and how to align its role to optimize the overall delivery of the national economy. ■

SAIL

Celebrating the Azadi Ka Amrit Mahotsav



Soma Mondal
Chairman, SAIL

Steel Authority of India Limited (SAIL) has been actively participating and leading the way in celebrating the 'Azadi Ka Amrit Mahotsav' (AKAM) campaign since its beginning. The unique initiative of AKAM by Government of India commenced on 12th March, 2021 and it is a 75-week countdown to India's 75th anniversary of independence on 15th August, 2022 and will end post a year, on 15th August 2023.

As a part of the celebrations, SAIL has been hosting and undertaking array of events to honor the AKAM all across India at its plant and unit locations. Besides its own events, the Company has also participated in multiple events organized by the Government of India to celebrate 'Azadi Ka Amrit Mahotsav' and it is actively working to enable India 2.0 and bolstering the 'Aatmanirbhar Bharat'. Recently, in June this year, the Department of Public Enterprises (DPE) had arranged a mega event in Gujarat to commemorate the 'Azadi Ka Amrit Mahotsav' at Mahatma Mandir Convention and Exhibition Centre, Gandhinagar from 9th to 12th June. With support of CPSEs and SCOPE, DPE organized a number of events during the event. As a part of

this, one of the major events was an exhibition on 'Nation Building and CPSEs', where 75 Central Public Sector Enterprises from various sectors participated. SAIL was one of the participants in the event and had put a visually appealing stall during the event at Gandhinagar. The exhibition was inaugurated by Shri Bhupendrabhai Patel, Chief Minister of Gujarat and Smt. Nirmala Sitharaman, Hon'ble Union Minister of Finance & Corporate Affairs. Smt. Soma Mondal, Chairman SAIL and Chairperson, SCOPE was also present during the

occasion. SAIL's stall in the above exhibition displayed the Company's contribution in nation building since its inception. In the stall put up by SAIL, the Company also talked about its diverse product range catering to various significant sectors of the economy. All along in the commemoration of AKAM, SAIL's focus has remained to make this initiative a success with more and more participation of people. Celebrating the spirit of independence is a matter of collective pride and can truly be achieved when this campaign turns into a mass movement or 'Jan-andolan'.



THE STATESMAN NEW DELHI 12.06.2022 PAGE.NO.08

SAIL participates in DPE's Azadi Ka Amrit Mahotsav Mega Show

SAIL the Maharatna steel-making Public Sector Undertaking, is participating in an exhibition organized by Department of Public Enterprises to commemorate the 'Azadi Ka Amrit Mahotsav' at Gandhinagar, Gujarat. As a part of the above, one of the major events is an exhibition on 'Nation Building and CPSEs', where 75 Central Public Sector Enterprises from various sectors are participating. The exhibition was inaugurated by Shri Bhupendrabhai Patel, Chief Minister of Gujarat and



Smt. Nirmala Sitharaman, Hon'ble Union Minister of Finance & Corporate Affairs, Smt. Soma Mondal, Chairman SAIL and SCOPE was also present during the occasion. SAIL has put up a stall in the above exhibition where it has displayed the Company's contribution in nation building since its inception.



The events at SAIL celebrated under AKAM are not only engaging large number of people to promote 'Jan-bhagidari' but also helping to make it into a successful 'Jan-andolan'.

The Ministry of Steel celebrated AKAM Iconic Week during the period 4 - 10 July, 2022. SAIL was one of the most active participants in the various events that were undertaken by the steel producing and other companies under the Ministry of Steel during the week. The Company launched a tableau at Kolkata on 4th July, 2022 kickstarting celebrations under the Steel Ministry's AKAM Iconic Week. The tableau was inaugurated by Smt. Soma Mondal Chairman, SAIL in presence of Director (Commercial) and other senior officials of the Company. Similar tableaus were also flagged off at other SAIL Plant locations

by their respective Directors, reaching out to people residing at the interior parts of the regions. It created a euphoria among a large section of people and raised awareness about the AKAM campaign and the journey of India's Aatmanirbhar Bharat among others. The tableau's digital screen showcased various aspects of steel usage, Aatmanirbhar Bharat, Make in India, among others. The tableaus covered large areas while moving across the city to raise awareness about 'Azadi Ka Amrit Mahotsav' and steel usage at large. The other focus areas during the Iconic Week celebrations included organizing programs relating to raising steel consumption, Aatmanirbhar Bharat, Make in India, moving towards circular economy etc. Emphasizing on the Jan-Bhagidari and to involve as many people as possible from

various walks of life, the events were planned to facilitate this. SAIL, having an advantage of large populace in and around its townships which is owing to the families of its employees and people residing around its township in the steel cities, can connect with large audiences. Utilizing this advantage, the Company reached out to maximum number of people during the various events of AKAM. Apart from the many activities across its Plants and Units since the start of AKAM celebrations, SAIL is continuously adding new activities to the list. These include cultural activities like folk song & dance, musical nights, patriotic song, singing etc, inter-village sports and games tournaments, various events and competitions at schools like painting, drawing, skit, essay writing, speech competitions in SAIL plant/unit locations, youth run and rallies, safety awareness rallies, cleanliness drives, philately exhibition, photo frame exhibitions. All these programmes have helped to ensure larger engagement of local people from the localities near to SAIL plants and units. In the coming times also, there are several events and activities planned across SAIL to maintain the momentum to celebrate Azadi Ka Amrit Mahotsav and spirit of independence@75. ■



Bharat Electronics Limited (BEL)'s participation in Azadi Ka Amrit Mahotsav celebrations



Anandi Ramalingam
CMD, BEL



Tree plantation drive at BEL's Units held as part of "Azadi Ka Amrit Mahotsav".



The Hon'ble Raksha Mantri, Rajnath Singh, virtually inaugurating "Azadi Ka Amrit Mahotsav," a seven-day exhibition at 75 locations pan India, including nine Units of BEL.



The Display Hall of BEL decked up for hosting an exhibition held as part of "Azadi Ka Amrit Mahotsav".

The Hon'ble Raksha Mantri, Shri Rajnath Singh, on December 13, 2021, virtually inaugurated "Azadi Ka Amrit Mahotsav (AKAM)", a seven-day exhibition at 75 locations pan India, including nine Units of BEL. The Hon'ble Raksha Mantri also launched the BEL Hall of Electronics at Visvesvaraya Industrial and Technological Museum, Bengaluru. Students of local schools, colleges and professional institutions, and the general public at large attended the exhibition organised at BEL's Units in Bengaluru, Ghaziabad, Panchkula, Kotdwara, Navi

Mumbai, Pune, Hyderabad, Mahilapatnam and Chennai.

The event provided a unique and one-of-its-kind opportunity for all to have a first-hand glimpse of the various iconic and marquee products manufactured by BEL for use by the country's Defence forces. Video films on the growth and evolution of professional electronics in India and BEL's contributions to India's capabilities in the field of strategic electronics and allied areas were screened to the visitors. The Bangalore Complex of BEL conducted a virtual interactive webinar on 'Quality Improvement

in the Entire Supply Chain - Role of Standards in Quality Improvement' for its vendors on December 1, 2021, to commemorate Azadi Ka Amrit Mahotsav and Aatmanirbhar Bharat. A total of 110 sub-contract vendors from across India, covering all the nine Units of BEL, attended the webinar.

As part of Azadi Ka Amrit Mahotsav celebrations, BEL has taken up important initiatives such as completion of Advanced Night Vision Product Factory at Nimmaluru, Andhra Pradesh, development of AI-enabled fake content detection as part of Social Media Analytics, implementation of Virtual Desktop Infrastructure, Face Recognition-based Attendance System, handing over of the first batch of Anti-Torpedo Decoy System (Maareech) to Indian Navy, development of a centralised mechanism for monitoring disputes/claims, development of

School children participate in the exhibition held as part of "Azadi Ka Amrit Mahotsav" at BEL's Bangalore Complex.





School children participate in the exhibition held as part of "Azadi Ka Amrit Mahotsav" at BEL's Bangalore Complex.



Visitors at the BEL stall at AKAM expo held in Gandhinagar being briefed by BEL officers



a centralised information /data repository required for responding to tenders, development of BEL Intellectual Property Rights Information Management, introduction of areas for diversification in ERP systems and setting up of curated museums at seven identified locations by DPSUs.

BEL showcased its capabilities in Defence through visuals, panels and display of its iconic products at the Azadi Ka Amrit Mahotsav (AKAM) Expo, held in Gandhinagar from June 9-12, 2022. On display were communication products such as HF Radio (LHP 265D), Night Vision Devices and Electro Optic products such as Hand Held Thermal Imager Mono (Uncooled), Passive Night Vision (Binocular), Holographic Weapon Sight, Passive Night Sight for INSAS Rifle, Multi-purpose Reflex Weapon Sight – Trinetra, and Laser Range Finder (LRF), apart from Electronic Fuzes and Batteries. There were also

visuals and panels on BEL's range of products in the field of Radars, Electro Optics, Air Defence Weapon System, Sonars for coastal security like Diver Detection Sonar and Airborne Sonar, Homeland Security solutions like Critical Infrastructure Protection System, Mine Field Recording System, Chemical Agent Monitor, Smart City Solutions, Electronic Warfare & Avionic systems, UAV systems like Tethered UAV Based Electro Optics Surveillance System, Rustom UAV System, Quadcopter, Drone Guard System, Drone Interception & Jammer System.

The event gave BEL an opportunity to showcase its products to the general public, potential customers and MSMEs. BEL also participated in the Roundtable of CEOs of select PSEs on the 'Role of CPSEs in Strategic Sectors for a Self-reliant India', held as part of the expo in Gandhinagar.

The Hon'ble Union Finance

Minister, Mrs. Nirmala Sitharaman, virtually inaugurated BEL's Mini Smart Colony at BEL-Bangalore Complex on June 9, 2022. This was part of the Azadi Ka Amrit Mahotsav celebrations being co-ordinated by the Department of Public Enterprises (DPE) in association with the Standing Conference of Public Enterprises (SCOPE) as part of the overall campaign of the Ministry of Finance.

As part of the AKAM celebrations, BEL has also planted more than 2,500 saplings across its nine Units spread pan India.

The Hon'ble Minister Mr. Rajnath Singh, in August 2021 inaugurated the Transducer Production Facility established at BEL's Bangalore Complex, and Oxygen Concentrators manufactured by BEL under the PM Cares initiative, at a ceremony organised as part of the 75th Independence Day celebrations (Azadi Ka Amrit Mahotsav) of India. ■

School children participate in the exhibition held as part of "Azadi Ka Amrit Mahotsav" at BEL's Bangalore Complex.



Engineers India Limited celebrates Azadi Ka Amrit Mahotsav



Vartika Shukla
CMD, EIL

Government of India, under the leadership of Hon'ble Prime Minister Shri Narendra Modi, had launched 'Azadi Ka Amrit Mahotsav' campaign on March 12, 2021, 75 weeks prior to India's 75th Independence Day on August 15, 2022 to celebrate and commemorate the nation's glorious history and its incredible journey in becoming a leading player in the comity of nations.

The Amrit Mahotsav is being celebrated as a Jan Utsav dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable the Hon'ble Prime Minister's vision of activating India 2.0, fuelled by the spirit of Aatmanirbhar Bharat. Thus, this Mahotsav is an embodiment of all that is progressive about India's socio-cultural, political and economic identity.

Since its inception in 1965, EIL has played a significant role in shaping the hydrocarbon industry and the related manufacturing sector in the country by providing design, engineering, procurement, construction and integrated project management services from 'Concept to Commissioning', under single umbrella. Thanks to its impeccable track-record of more than five and half decades, EIL has been supporting Government of India for its strategic initiatives like revival of Ramagundam Fertiliser Plant, BS-VI projects across Indian refineries, implementation of Underground Strategic Crude Storage project for the first time in India and Bio-Fuels program. In furtherance of this spirit, EIL is celebrating the Amrit Mahotsav with great fervour and zeal

having launched a number of significant initiatives, as enumerated below:

EIL target of Net Zero by 2035

EIL has declared 2035 as the year to achieve Net Zero aiming towards fulfilling our Hon'ble Prime Minister's vision to be Net Zero by 2070. In addition to fulfilling its own decarbonisation objectives, EIL is committed towards assisting its esteemed clientele in their energy transition journey towards net zero by providing clean and green technological solutions leading to a sustainable future for the generations to come.



Unveiling of new Vision Statement of EIL

EIL has unveiled its new Vision Statement "To be a Global Leader offering Total Energy Solutions for a Sustainable Future" to steer its transition in to a "Total Energy Consulting Organization" with leadership position across all the pillars and constituents of "Energy Sector". The new Vision Statement would strengthen the Company's resolve to be 'Global Leader' providing complete range of solutions to its stakeholders across the energy Sector with focus on minimizing overall carbon footprints in processes and designs.



Lakshya Bharat Portal - A Step Towards Self Reliance

EIL has successfully fulfilled the responsibility entrusted by MoPNG towards designing a comprehensive one stop portal – Lakshya Bharat that will act as a central information pool of sourcing of Capital Goods and MRO (Maintenance, Repair, and Overhaul) items by various Oil Companies. Shri Hardeep Singh Puri, Hon'ble Union Minister for Petroleum & Natural Gas and Housing & Urban Affairs inaugurated the Portal in September, 2021 in the presence of senior officials of MoP&NG and EIL's Board of Directors. The Portal will help in the indigenization of global technologies & manufacturing processes by offering the foreign manufacturers crucial information regarding the business potential for suppliers to the Indian hydrocarbon sector.



Self-reliance in Fertilizers

In a significant impetus to Aatmanirbhar Bharat mission in the fertilizer sector, 100% Plant Load for Ammonia & Urea plants have been achieved at Ramagundam Fertilizer Plant. With this major milestone, the plant has successfully reached its full production capacity of 3852 MTPD of neem coated urea. This is an important achievement for EIL as it



not only provided consultancy services to the RFCL project but also partnered this revival project with 26% equity participation.

AKAM Mega Show

EIL took part in the #AKAM (Azadi Ka Amrit Mahotsav) Mega Show organised by Department of Public Enterprises (DPE), Ministry of Finance, Govt. of India in Gandhinagar, Gujarat during June 9-12, 2022. The exhibition on 'Nation Building and CPSEs' gave EIL an opportunity to showcase its capabilities and credentials to visitors and delegates and helped maximise outreach.



The event also provided an opportunity to understand initiatives of CPSEs in sunrise sectors like Coal gasification, Carbon capture Utilisation and Storage (CCUS), Decarbonization, Energy Transition etc., and to deliberate on the possibility of any collaboration/ strategic tie up to explore mutual synergies. Though EIL has a sizeable vendor base, AKAM provided an opportunity to a lot of new MSME vendors/equipment suppliers to touch base with EIL. These vendors were lucidly explained the process of empanelment with EIL. The AKAM exhibition also encouraged a lot of industry academia interaction wherein EIL's stall was

frequented by a number of enthusiastic students who along with faculty members came to know more about the firm, on-going and future areas of operations especially in emerging fields like Bio Fuels, Green H2, Decarbonisation etc.

Quest for a Greener Tomorrow

As part of #AKAM initiatives, EIL has undertaken extensive plantation drives around its work locations across the country to usher in a greener tomorrow and mitigate the adverse effects of Climate Change. The Company launched a number of innovative campaigns like "Nature Warrior" and "Each One, Plant One, Maintain One" that witnessed enthusiastic participation of employees and members of public.



CMD, EIL planting a sapling with Pradhan Mantri Rashtriya Bal Shakti Puraskar 2019 awardee Ms. Eiha Dixit as part of Nature Warrior campaign.

EIL's endeavours towards a sustainable tomorrow have also provided impetus to the Swachh Bharat Abhiyan. As part of SwachhtaPakhwada celebrations, the Company organised a host of activities including Webinars, Online Competitions, Prabhat Pheries, distribution of personal hygiene products etc. to create awareness among citizens of our country. Social Media channels and Intranet of the



Company were also leveraged to inspire employees and public towards a Clean and Green India.



Spawning patriotic fervour

As a consultancy company, employees are at the heart of EIL's operations. While discharging their duties towards creating the nation's energy infrastructure, employees along with their family members have also taken part enthusiastically in various initiatives/competitions launched by GoI as part of AKAM celebrations. Be it the rendition of National Anthem or Desh Bhakti Geet/Lori writing or Rangoli making competitions, employees have come forward to express their creative flair and partake in the nationwide Jan Utsav.

Responsible Corporate Citizen

At EIL, Corporate Social Responsibility is not just a compliance but a way of taking the society forward hand-in-hand with its business growth. EIL envisions enrichment of the lives of people through social upliftment, promotion of inclusive growth and recharging the environment in a sustainable manner. An array of major CSR interventions of EIL undertaken over the past few years in various sectors are as follows:

EIL has conducted camps on pan India basis to

identify needy Divyangjan and provided them with quality aids and appliances required in their daily lives. Around 4,500 Divyangjan have benefitted from this initiative. The devices given as part of the project are Tricycles, Wheel Chairs, BTE Hearing Aids, Crutch Axilla Adjustables, Braille Canes, Braille Kits, Motorized Tricycles, and Joy Stick Wheelchairs etc.

Construction of community and individual toilets in remote villages to discourage open defecation. EIL supported setting up of 200 nos. of individual toilet facilities for poor families residing in two villages in an Aspirational district in Uttarakhand and Uttar Pradesh. Improved Sanitation facilities in four Government Schools in Haryana by setting up toilets and water facilities.

Spreading awareness on personal hygiene and menstrual health through installation of sanitary napkin vending and incineration units in Girls Secondary schools in rural areas.

Illuminating lives of people in remote villages/ regions facing irregular supply of grid electricity by installation of Solar Photovoltaic based LED Street Lighting Systems and Solar Power plants in states viz. Ladakh, Assam, Uttar Pradesh, Odisha, Mizoram and Delhi.

Structured program for tribal women to impart traditional livelihood skills viz. Goat Rearing, Poultry Farming, Mushroom Cultivation and Bee Hiving in an aspirational district in Odisha. The project was scaled up and replicated upon completion of



PSA Oxygen Plant installation in 7 Government Hospitals of Karnataka.

training of one batch of women, on receipt of request from the community to conduct similar initiative for a second batch.

Training for employment generation, technical and professional skill development programmes for more than 8,000 candidates including women belonging to SC/ST/OBC and EWS segments of the society.

EIL aspires for a shining transformation in the lives of each and every underprivileged and needy person it has touched upon through its widespread social initiatives and future endeavours. Most Educational, Healthcare and Skill Development initiatives have been scaled up and have created a positive impact in the society, boosting and inspiring EIL's social footprints.



Distribution of assistive aids & appliances to PwDs.

HAL marks Azadi Ka Amrit Mahotsav with Iconic Events



HAL is celebrating Azadi Ka Amrit Mahotsav (commemoration of India@75) with fervour in all its divisions across the country, fuelled by the spirit of 'Aatmanirbhar Bharat' in line with the Government's initiative. HAL is at the forefront of the 'Aatmanirbhar Bharat' initiative in the Indian aerospace and defence sector through an inclusive partnership of the Indian industry sector. Towards achieving self-reliance in defence, HAL has indigenously produced 17 types of aircraft for the Indian defence services over eight decades.

Considering the significance of this initiative and to make memorable contributions, HAL kick-started the AKAM weekly celebrations on March 12, 2021 with an emphasis on indigenisation, skill development, vendor development and advanced technology. HAL has undertaken several events which reflect the company's efforts and achievements as celebrations continue forward culminating in August 2023.

Showcasing Achievements@80

HAL held week-long public exhibitions in Bengaluru, Nashik, Kanpur, Hyderabad, Koraput and Lucknow between December 13-19, 2021 showcasing its 80 years of heritage, current and futuristic products. The Defence Minister, Mr. Rajnath Singh virtually inaugurated the week-long AKAM celebrations. Following the inauguration, HAL unveiled the exhibition at HAL Heritage Centre & Aerospace Museum, Bengaluru, Biju Patnaik Aeronautics Museum, Sunabeda and Pragati Museum, Nashik.

HAL-produced aircraft, helicopters, aero engines, avionics systems, components and LRUs were displayed at different exhibitions. The highlight of the event was CATS WARRIOR UAV Mockup model, model of LCA Tejas, cut section of MiG engine, MiG 21 and MiG 27 aircraft, Do-228 and HS-748, avionics systems, the operational model of ALH transmission system, LRUs and aerospace components at different exhibitions. A film on HAL's contribution to 'Aatmanirbhar Bharat' was produced and displayed at all the exhibitions. The event was widely publicized

through radio campaigns, hoardings, posters etc.

HAL also facilitated the visit of school and college students for the exhibition to witness the progress of the Indian aerospace industry and learn about indigenous technologies. Around 30,664 students and general public visited the exhibition at Bengaluru. A quiz programme on AKAM was organized for the school children daily at Sunabeda and around 1050 students and 2800 general public participated from the nearby areas. Nashik recorded a total footfall of 24,916 including students from 70 different schools and colleges during the week. Souvenirs on AKAM were distributed to the general public and invitees followed by a cultural programme for the general public. A preventive health check-up camp and cancer screening test were also organized for the women of the adopted villages of HAL, Koraput Division. Around 500 women were covered under this programme.

Achieving self-reliance in SU-30 MKI production

In August 2021, HAL handed over the last Su-30MKI as a representation of the completion

of the existing manufacturing order of Su-30 MKI. The event echoed the vision of 'Aatmanirbhar Bharat' by achieving complete self-reliance in building Su-30 MKI from the raw material stage. IAF appreciated the role of HAL in maintaining the large fleet of Su-30 MKI across all IAF bases and equipping the aircraft with an advanced armament system indigenously.

HAL also handed over the 75th Su-30 MKI ROH aircraft to IAF on January 25, 2022. IAF appreciated HAL's efforts in reducing ROH cycle time for enhancing ROH output and also urged HAL for rapid indigenisation of spares. HAL is committed to further improving the ROH cycle time, indigenization of LRUs, spares and other materials under 'Aatmanirbhar Bharat' for reduction of dependency on foreign OEMs and for timely availability of items.

Dedicating LUH to the Nation

Foreseeing the growing requirement of helicopters in India, HAL has taken a giant step in making India 'Aatmanirbhar' in helicopters. HAL is establishing a Greenfield helicopter factory that spans 615 acres of industrial land at Biderehalla Kaval, Gubbi taluk, Tumakuru District in Karnataka. The Prime Minister, Mr. Narendra Modi laid the foundation stone for the new factory on January 3, 2016. This helicopter factory is modelled on Industry 4.0 standards and is planned to be operationalised soon with an annual capacity of 30 helicopters.

As part of Azadi Ka Amrit Mahotsav celebrations, HAL



plans to roll out the first Light Utility Helicopter (LUH) MK-I from its 'New Helicopter Factory' in Tumakuru this year. Towards this, HAL has launched the production of LUHs by launching the first LUH LSP Structure Assembly on December 8, 2021. Based on the visibility of customer order for 12 LUH MK-I, HAL's Helicopter Division at Bengaluru has launched the production through internal funding. In this regard, all stakeholders including participating sister divisions are making all-out efforts to meet this challenging task. HAL aims to increase helicopter production capacity and helicopter MRO capacity in a progressive manner.

Facility for Raw Material phase production of AESA Radar under ToT for Jaguar DARIN – III upgrade programme

In another ambitious programme, as part of AKAM celebrations, HAL is planning to dedicate a raw material phase facility for manufacturing AESA Radar of Jaguar DARIN-III by

August 2022. AESA Radar is a severely guarded production technology in the world. This is the first time that a state-of-the-art in-country manufacturing/testing facility would be established. With this, India would join the elite club of countries having manufacturing capacity of Airborne AESA radar.

HAL has collaborated with IAI ELTA for manufacturing of AESA radar under ToT at HAL. The technical expertise and knowledge base of the AESA manufacturing technology would be transferred to HAL/India. The manufacturing technology/expertise can be utilised for the manufacturing of indigenous AESA Radar with cost and time optimisation.

Indigenous Development of IFF Mk XII CIT System for LCA Mk-1A

HAL is planning to complete the indigenously developed Combined Interrogator and Transponder (CIT) for LCA Mk1A by August 2022 as part of AKAM celebrations. LCA Mk1A, includes integration of a contemporary IFF Mk

XII Combined Interrogator and Transponder. The CIT System simultaneously performs both interrogation and transponder operations in a single LRU.

CIT is used for the identification of the target as a friend or foe and for responding to interrogations from other platforms or ground. CIT consists of two sub-systems, namely the Interrogator and a Transponder.

Type certification of Hindustan-228, the first Indian civil Light Transport Aircraft

HAL has initiated the Type certification of HAL manufactured Light Transport Aircraft (LTA), a 19-seater aircraft, upgraded with the modern systems as per the latest Airworthiness standard. Hindustan-228 is planned to be certified by the Directorate General of Civil Aviation (DGCA) and European Union Aviation Safety (EASA). This is

mandatory for export certification. The Hindustan-228 aircraft will be the first Indian Civil Light Transport Aircraft having Type Certified by the DGCA and the EASA.

To promote self-reliance under 'Make in India', the local manufactured parts and equipment certified and being used for the Hindustan-228 aircraft is continuously increased. Further, it will provide a test platform in India for certifying 'Made in India' parts and equipment that are designed and manufactured for Civil Aviation. HAL successfully carried out the first flight of Hindustan-228 aircraft on December 26, 2021 towards the DGCA type certification.

Certification of avionics upgraded HS-748 Aircraft

HAL has produced a total of 89 HS-748 Avro aircraft under licence from BAE Systems,

UK from 1960 to 1984. HAL is also undertaking the overhauling and maintenance of Avro aircraft for the Indian Armed Forces.

The Avro aircraft airframe of Indian Armed Forces has substantial residual life and are facing obsolescence issues of avionics, autopilot, cockpit instruments, navigation & communication equipment are the major concerns for serviceability of the Avro fleet. To mitigate the obsolescence issues, HAL took the initiative to carry out Avionics Upgrade including Glass Cockpit and Autopilot upgrade on one BH572 aircraft as a technology demonstrator.

Upgraded aircraft will be fitted with state-of-the-art avionics, Glass Cockpit, autopilot etc. and will be free from obsolescence. This will ensure commonality, lower risk of integration and faster integration and use of aircraft for a further long period.



HAL has completed the integration of all 14 Systems on Avro aircraft. The ground testing of all systems including Autopilot has been completed. The flight trials of all systems and project were completed in December 2021.

Finance Minister interacts with HAL CEO at AKAM Exhibition in Gandhinagar

Mrs. Nirmala Sitharaman, Union Minister for Finance and Corporate Affairs and Mr. Bhupendrabhai Patel, Chief Minister of Gujarat interacted with HAL CEO (MiG Complex), Mr. D. Maiti, at the AKAM (India@75) Exhibition of PSUs held at Gandhinagar. HAL showcased its contribution for progress of the nation by putting up a stall.

Models of HAL aircraft, products and films on several themes such as HAL's capabilities, Make-in-India, CSR etc. drew the crowd. Mr. Ali Raza Rizvi, Secretary, DPE, delivered the key - note address at the Round Table of CEOs of CPSEs on the theme 'Role of CPSEs for Self-Reliant India'.

Smart Township at Hyderabad

As part of Azadi Ka Amrit Mahotsav (AKAM), HAL's township in Hyderabad has been converted into Smart Township with several new initiatives and amenities. These include intelligent and safe traffic management, smart parking facilities, green gyms, sports complexes, pedestrian friendly pathways, IT applications for services etc. Thirty five percent of the township's energy

requirement is being fulfilled with solar energy, waste water recycling and storm water catchments. The township was inaugurated by Mr. R. Madhavan, CMD, HAL. "HAL is one of the 24 PSUs and the township of HAL, Hyderabad is one of the 53 locations identified to be developed into mini smart cities and transformative work has been done at HAL Township, Hyderabad to make it a development model as per the parameters stipulated by the Ministry of Housing & Urban Affairs. I am sure HAL townships would soon join the class of mini smart cities, he said.

"We at HAL believe that happy living results in happy working. Hence we are continuously working towards betterment of the township", said Mr. Alok Verma, Director, HR. ■

NBCC Exhibition & Conclave at Gandhinagar, Gujarat



P. K. Gupta
CMD, NBCC

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its citizens, culture and achievements.

This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Hon'ble Prime Minister's vision of activating India 2.0, fuelled by the spirit of Aatmanirbhar Bharat.

The official journey of Azadi Ka Amrit Mahotsav commenced on 12th March 2021 which started a 75-week countdown to our 75th anniversary of independence and will end post a year on 15th August 2023.

The Department of Public Enterprises (DPE) with the support of CPSEs and in association with SCOPE, organized a number of events between 9th to 12th June, 2022 under AKAM to commemorate 75 years of Independence.

This was one of the major events planned on 'Nation Building and CPSEs'. The exhibition showcased contributions of CPSEs towards self-reliant nation. The



exhibition has been opened to public from 10th to 12th June.

Alongside the exhibition a CEO-Roundtable deliberated on 'Role of CPSEs for a self-reliant India' was held. CMDs of about 30 CPSEs attended the event on 9th June.

A series of workshops on issues such as CSR with special focus on Aspirational Districts, Annual Appraisal System of CPSEs, Procurement from Micro & Small Enterprises (MSEs), Government E-Marketplace (GeM) had been organised.

The workshops brought together all stakeholders on one platform with great experience shared. During the AKAM week, CPSEs were undertaking Pan India

'Plantation Drive' in which 75,000 saplings have been planted in their offices, townships, production units, etc. NBCC as a part of drive was given target of 500 saplings. However, NBCC has exceeded the target by more than 100% and has planted more than 1000 saplings.

Selected CPSEs inaugurated/initiated activities related to conversion of their townships into Mini Smart cities for creating an eco-friendly habitat and efficient water management.

DPE, with support of CPSEs and SCOPE, organized a number of events under AKAM to commemorate the 75 years of India's independence. As a part of the above, one of the major events was an

exhibition on 'Nation Building and CPSEs', where Central Public Sector Enterprises from various sectors participated, including NBCC (India) Limited.

The exhibition was inaugurated by Shri Bhupendrabhai Patel, Hon'ble Chief Minister of Gujarat and Smt. Nirmala Sitharaman, Hon'ble Union Minister of Finance & Corporate Affairs. Smt. Reshma Dudani, Executive Director of NBCC (India) Limited along with the team was present during the occasion & represented NBCC.

As a part of celebrations of the Azadi Ka Amrit Mahotsav, NBCC (India) Limited, the Navaratna, CPSE, participated in an exhibition organized by Department of Public Enterprises (DPE) at Mahatma Mandir Convention and Exhibition Centre, Gandhinagar, Gujarat from 9th to 12th June, 2022. AKAM means elixir of energy of independence; elixir of inspirations of the warriors of freedom struggle; elixir of new ideas and pledges; and elixir of Aatmanirbharta. Therefore, this Mahotsav is a festival of awakening of the nation; festival of fulfilling the dream of good governance; and the festival of global peace and development.

During exhibition NBCC (India) Limited showcased the journey of NBCC since its incorporation in the year 1960 after independence as a reflection of the hard work, innovation & enterprise. Whether in the country or abroad, NBCC has demonstrated dedication & excellence in work, leaving its mark of differentiation in foreign lands adding to glory of the Nation.

NBCC is proud of its corporate governance and tradition of



customer orientation. NBCC got an opportunity to display multiple aspects of Artistic design of buildings each tailor made customer wise. The vibrance and enthusiasm of the team is reflected in aesthetically designed projects. The effort of NBCC in Nation Building through various infrastructure/ integrated civil structures as a journey and various achievements and future road maps for Aatmanirbhar Bharat and 'Never to die sprit' was reflected at AKAM Mega Show.

NBCC had put up a stall in the above exhibition where it has displayed the Company's contribution in Nation Building since inception. In the stall put up by NBCC, the Company also talked about its diverse projects, catering to various significant sectors. NBCC(India) Limited actively participated in the various events commemorating AKAM and has been committed to make the initiative a success.

From 10th to 12th June, visitors and other CPSEs officials visited the NBCC stall and gave valuable comments in NBCC visitors' register about NBCC stall and

the Company. Department of Public Enterprises team also visited stall and looked onscreen video regarding Indian Pavilion EXPO 2020 at Dubai and among other projects of NBCC. The team also discussed about redevelopment projects and motivated the NBCC teams by their gracious visit.

The platform was an excellent opportunity to:-

Showcase of the achievements, Contribution and future road map.

To have a feel of mammoth presence of all CPSEs under one roof.

Opportunity for junior and senior teams to interact with the teams of other CPSEs not only on the stalls but via staying at the Hotel complex of Leela Hotel at Gandhinagar.

The event was appreciated by one and all. The presence of DPE & SCOPE throughout the event encouraged all the CPSEs. There was a very strong support system since planning stage up to the successful completion of the event. ■

NMDC celebrates Azadi Ka Amrit Mahotsav with Ispati Irada



Sumit Deb
CMD, NMDC



In honour of 75 years of independence and building of this great country, NMDC continues to celebrate and campaign for India's Festival of Freedom - Azadi Ka Amrit Mahotsav. Crossing milestones for the nation's vision of Aatmanirbhar Bharat, NMDC became India's first mining company to achieve 42 million tonnes of iron ore production in 2022. The mining major has invested decades in bringing a digital revolution to the country's mining sector and a socio-economic transformation to the hinterlands of India. NMDC's pavilion at the Azadi Ka Amrit Mahotsav Exhibition on 'Nation Building and CPSEs' celebrated these achievements of the PSE towards nation building.

India@75 marks the historic commemoration of 75 years of Independence. Azadi Ka Amrit Mahotsav is a vision for a new India that the whole nation is counting down to and the spirit of Azadi Ka Amrit Mahotsav lies in self-reliance to achieve the interpretation of freedom. Upholding the same value, the NMDC stall at the AKAM Mega Event, organized by DPE in association with SCOPE, aimed to showcase its achievements since inception, underline various aspects that make it India's largest producer of iron ore and highlight its contributions

to a self-sufficient nation. During the exhibition, Shri Sumit Deb, CMD, NMDC said "CPSEs have played a pivotal role in the growth story of our nation and this iconic Azadi Ka Amrit Mahotsav celebration is befitting. NMDC is devoted to building a self-reliant and steel solid future for India and it is a moment of pride for us to be a part of this mega show."

On June 9, 2022, NMDC commissioned a Solid and Liquid Resource Management Center (SLRM) at its Bachel Mining Complex in Chhattisgarh in line with the Smart Cities Mission of the Government of India. In Bachel, NMDC is driving economic growth and improving the quality of life of people by harnessing technology that leads to Smart outcomes. Developing Bachel, a town in the remotest region of India, into a Mini-Smart City reflects NMDC's commitment to building the new India as we celebrate Azadi Ka Amrit Mahotsav. While making headway towards this new India, NMDC takes up every occasion to pay its tribute to our glorious history and ancient traditions. On the International Day of Yoga 2022, NMDC emphasized on the role of yoga in achieving physical agility and mental well-being. Encouraging its employees, stakeholders, and community members to practice yoga



and participate in the Fit India Movement, NMDC shaped a *Jan-Utsav* in the spirit of *Jan-Bhagidari*.

During July 4 to July 10, 2022, NMDC launched a series of awareness campaigns to encourage the Consumption of Steel and celebrate Azadi Ka Amrit Mahotsav Iconic Week of the Ministry of Steel. On July 4, 2022, Mobile Exhibitions with slogans of Aatmanirbhar Bharat and Ispati Irada were launched in the NMDC townships in Kirandul and Bacheli in Chhattisgarh, and Donimalai in Karnataka. The NMDC Mobile Exhibition continued its journey for the 7 days of the Iconic Week and traveled to 50 villages engaging around 5000 people. NMDC interacted with the community by

quizzing them on their basic knowledge of Steel and distributing Stainless Steel utensils.

NMDC on July 5, 2022, campaigned for moving towards a circular economy with Swachh Bharat as the central theme of awareness activities. Cleanliness Drives at Headoffice in Hyderabad, and in its Projects at Chhattisgarh, Karnataka, and Madhya Pradesh were accompanied by the call to replace Plastic with Jute and Steel. Strengthening its rally for increasing Steel Consumption, NMDC organized talk shows on July 6, 2022. Opinion Leaders from the Iron and Steel industry - Shri P. Madhusudan, Former CMD, RINL; Shri Yogesh Daruka, Partner, PWC; and Shri Rajib Maitra, Director, Deloitte were



invited to NMDC Head Office in Hyderabad for a seminar organized on the role of Steel in the development aspirations of our country. At NMDC Projects, the employees talked to stakeholders and community members about enhancing the usage of Steel in the rural economy. As the largest producer of iron ore in India, NMDC is measuring up to the development demands of our country by enabling production and promoting consumption of steel.

During the Steel Ministry's Iconic Week of Azadi Ka Amrit Mahotsav, NMDC organized Painting, Essay, and Slogan Writing competitions on the theme of moving towards a Circular Economy on July 7, 2022. Engaging school students and the children of NMDC employees to envision a renewable energy run, innovative, and sustainable future for India, NMDC learnt and contributed to how the youth of our country views the ideas of self-reliance and nation-building.

On July 8, 2022, NMDC shared local and global practices on Safety and Health through Seminars, Training Sessions, Mock Drills, and Toolbox Talks. With the objective to achieve a 'Zero Incident Target', industry experts briefed the NMDC employees, Industrial Training students, Contract Labors, and nearby villagers on mining safety, equipment safety, and environmental safety. Come the penultimate day of the Ministry of Steel's Iconic Week of Azadi Ka Amrit Mahotsav, NMDC conducted Plantation Drives wherein 1200 people planted more than 7500 saplings. Students, Panchayat Presidents, State Forest Officials along with NMDC employees and their family members celebrated environment

conservation and sustainable development as a means to achieve our nation-building goals. On the finale of the Iconic AKAM Week, NMDC conducted Marathons to campaign for the significance of steel in a circular economy. Around 600 people participated in the NMDC Runs that celebrated the Role of Iron and Steel in building India@75.

As a unique contribution to this Iconic Week of Azadi Ka Amrit Mahotsav, NMDC conducted a Quiz Competition for its employees to honour India's journey to Independence and reflect on their duties towards nation-building as public servants. In honor of the public sector's role in nation building, NMDC also hosted the first of its kind Cricket Tournament featuring NMDC, BHEL, HAL, HPCL, BSNL and NRSC. In the backdrop of Azadi Ka Amrit Mahotsav, the NMDC Cricket Cup celebrated our country's love for cricket and our journey towards a Fit India. Keeping up with this spirit, NMDC has come forward to endorse the Hyderabad Marathon and encourage the city to run for fitness. The NMDC Hyderabad Marathon is expected to engage 15,000 runners, health and fitness enthusiasts on August 27-28, 2022, together celebrating Azadi Ka Amrit Mahotsav.

As we prepare to observe the 75th Independence Day of India on August 15, 2022, NMDC will be hoisting the National Flag at Khanij Bhavan and encourage the hoisting of tricolor at the home of every citizen, with the Har Ghar Tiranga campaign. NMDC pays deep homage to the National Flag - an embodiment of our devotion to the nation and nation building.



Programmes and initiatives undertaken by Shipping Corporation of India for AKAM



Atul Ubale
CMD, SCI

Azadi Ka Amrit Mahotsav (AKAM), an ennobling initiative by the Government of India, commemorates the 75 years of Independence of the progressive India and its glorious history encompassing its people, culture and achievements. The initiatives offers all citizens of the nation to venerate the great valour and sacrifice of our freedom fighters and significant national development that has taken place in 75 years of independence. Inauguration of AKAM by the Prime Minister, Shri Narendra Modi in March 2021 has made a profound impact on the nation and led to the celebrations that commenced very aptly 75 weeks before the 75th Anniversary of Independence, which will culminate a year later on 15th August 2023.

This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to dream and actualise New India before 100th year of Independence i.e. Vision India@2047 of Honourable Prime Minister Narendra Modi, which is driven by innovation, hard work and creativity leading to an Aatmanirbhar Bharat.

Shipping Corporation of India (SCI) – a torchbearer of India’s progress since Independence - a vehement supporter of the AKAM movement

SCI has since inception in 1961, hailed the values and principles of the Independent India and forged ahead to promote India’s trade, national and international, contributing to the Indian economy. It has served the strategic national interests with complete commitment and has helped the country’s evacuation measures during natural calamities, also serving as a vital trade link. It has catered to overseas trade during the pandemic and undertaken

seamless and uninterrupted operations supporting and sustaining the Indian as well as the global economy. The spirit enshrined in the AKAM has always been an integral part of SCI’s culture and it recently celebrated its Diamond Jubilee in October 2021, coincidentally and providentially during the AKAM period. Apart from that ideas ensconcing the ‘whole of government’ approach, people’s participation, our rich cultural heritage, innovations and future aspirations were implemented through vibrant, large-scale activities commemorating the 75th year of independence. As a part of this nationwide agenda, SCI has actively participated in ‘Azadi Ka Amrit Mahotsav’ by hosting a set of activities stated below for a resurgent, Aatmanirbhar Bharat.

Organizing talk on freedom fighters and a quiz on Independence day was organized for school children under the Gajodhar Abhyudaya Prakalp with Ramkrishna Mission.

Organizing following program for employees and family welfare: Nutrition & Exercise, Yoga & Self Defence Techniques.

Organising Series of Lectures by prominent personalities in different areas viz Self-Management, Independent India @ 75: Self Reliance with Integrity, etc.

Publicity campaign in the way of a weeklong quiz question series was arranged depicting the development and growth of the Nation since 1947.

Felicitation of alive Freedom Fighters in Mumbai Metropolitan Region honoring their unparalleled role in Nation's Freedom Struggle.

SCI Management visiting the vessel to felicitate the seafarers who have been SCI’s keyworkers and more so during the pandemic. During the visit, Seafarers’ well-being, contribution to nation, operational excellence & safety remained prime focus.

CSR Initiative: SCI through its CSR initiatives have also contributed toward infrastructure development and capability building in the healthcare system of the nation.

In our unwavering commitment to contribute in Nation's historic effort for Vaccine for all drive SCI organized 6 Free Vaccination camp inoculating 3,231 people, thus ensuring safety & wellness for maximum no. of people in society.

Distribution of aids & appliances to needy PwDs/ Divyangjans through ALIMCO at Osmanabad.

Centralized Oxygen Plant was installed at Community Health Centre Punhana, Nuh District, Haryana to ensure adequate availability of Oxygen to the needy patients.

Shipping Corporation of India Ltd (SCI), Mumbai donated 3 nos of High end ventilators, 1000 PPE Kits, and 500 Gowns to AIIMS Bhubaneswar as a goodwill gesture.

Aug 13, 2021: To encourage inclusion of all in celebrating Desh Ki Azadi Ka Amrit Mahotsav & to motivate our Seafarers, SCI Management visited vessels namely MV Sagar Bhushan, Campbell Bay & KD Malviya, enquiring on Seafarers' well-being, honouring their contribution to the nation, monitoring operational excellence & safety in sea.



Aug 15, 2021: On the occasion of 75th Independence Day, flag hoisting ceremony was organized at SCI Head Office and also on SCI vessels on 15th August, 2021. Keeping in view the current pandemic

scenario, live streaming of the event was arranged. CMD hoisted the National Flag and addressed the employees. Seafarers from vessels joined the auspicious event through the phygital ceremony to celebrate Bharat Ka Azadi Ka Amrit Mahotsav.



An award distribution ceremony was also organised on the occasion of Independence Day, 2021 where winners of in-house competitions, Covid Warriors and volunteers who helped SCI in steering through the pandemic times were felicitated. SCI recognised the importance of Tech and Communication & launched its in-house Tech Bulletin & the Official social media accounts



Nov 1st to 15th, 2021: SCI observed "Swachhata Pakhwada 2021" from 1st November 2021 to 15th November 2021. During the inauguration event 'Swachhata Pledge' was administered by employees marking the commencement of "Swachhata Pakhwada 2021" in SCI. During the period various competitions viz. Slogan Writing Competition on the theme Swachh Bharat, Best out of Waste Competition on theme Swachhata Hi Seva and Mural painting Competition at SCI HO etc. were organized to promote the message of cleanliness & hygiene.

Employee creativity was showcased in the form of Mural Painting Competition with the theme "Swachh Bharat", spreading the message of Cleanliness.



Nov 26, 2021: Paperless Celebrations of Samvidhan Divas by digital reading of the Preamble. As we celebrate AKAM let's pledge to hold in high esteem & sincerely fulfil Fundamental Duties towards the Nation as enshrined in the Constitution.



Nov 30, 2021: Digital Technologies empower every function of modern Corporate Environment. To keep employees updated with latest IT skills, an informative online session on "Human Capital Management" module was held by in-house IT Team.



Dec 6, 2021: SCI paid homage to Bharat Ratna Dr. Baba Saheb Ambedkar on 66th Mahaparinirvan Diwas. As chief architect of Indian Constitution his ideals & untiring efforts for Social Reforms, Equality & Inclusivity continue to inspire & guide the Nation.



Jan 21, 2022: Traditional Makar Sankranti Haldi Kumkum function organised by SCI, WIPS celebrated phygitally in SCI observing the COVID protocols. CMD, SCI inaugurated the function with the theme Growth and Prosperity for SCI, its family members and all the humankind.



As part of AKAM commemorating 75 Yrs of progressive India & glorious history of its people & achievements, SCI felicitated our valiant Freedom Fighters in Mumbai Metropolitan Region honoring their unparalleled role in Nation's Freedom Struggle.



During the last week of the year, a week long quiz question series were uploaded on twitter depicting the development of growth of the Nation since 1947.

Celebrations of International Women’s Day in SCI

SCI-WIPS Forum had organized an "International Women’s Day" function (Phygital) on 8th March, 2022 in its Auditorium. The theme of IWD 2022 was # BREAK THE BIAS.

SCI was honored by esteemed presence of Smt. Archana Ramasundaram, Hon’ble Member, Lokpal of India, as the Chief Guest for the Function. She enlightened the audience with her experiences, difficulties faced, how effectively she managed hurdles, work life balance, etc. during her entire journey of career to reach to today’s position as Member, Lokpal of India. Q&A Session was also arranged wherein diverse audience of SCI posed various questions related to her Career, Work-life Balance, Priorities, challenges faced by her in field/fraternity, gender bias, advice to young generation, professionals who are starting their career, effective ways of dealing with controversies while staying firm and committed to your views and values. She acknowledged all the questions and responded to each of the questions posed, by quoting and relating it with her real life experiences, which made the session all the more lively. The function was attended by the SCI, CMD, Directors, CVO and SCI employees. The Chief Guest joined the function virtually.



Prelude to International Women's Day 2022 under Azadi Ka Amrit Mahotsav, CMD & Directors interacted with & felicitated Women Seafarers onboard SCI Tanker Swarna Ganga recently at JD3 MbPT acknowledging their professional

contribution to Indian Shipping & encouraging them to excel further.



All Women Officers’ Sailing 2.0 on Swarna Godavari

Celebrating the Inaugural IMO International Day for Women in Maritime, SCI accomplished a sequel initiative of All Women Merchant Officer’s Sailing on m.t. Swarna Godavari on 14th May, 2022 from Jawahar Dweep oil terminal, Mumbai. The second voyage of ‘All Women Officers’ Sailing’ strengthened the principles of Diversity Equity & Inclusion that SCI upholds, while acknowledging the tremendous efforts by women around the world in shaping an equal future. The vessel was flagged off by Smt. Meenakashi Lekhi, Hon’ble Minister of State, Ministry of External Affairs & Minister of State, Ministry of Culture.



AKAM Mega Show 6-12 June 2022 at Mahatma Mandir, Gandhinagar, Gujarat: 'Exhibition of Contribution of CPSEs in Nation Building since Independence'

To commemorate 75 years of India's independence, under Azadi Ka Amrit Mahotsav, DPE conducted an 'Exhibition of Contribution of CPSEs in Nation Building since Independence – Showcasing their first-in-the-country product/services', from 9th June, 2022 to 12th June, 2022 at Mahatma Mandir, Gandhinagar, Gujarat.

SCI was allocated Stall no. D-13, of size 9M*3M in Exhibition Hall Number 2.

Following were prominently displayed in the stall allotted to SCI.

Milestones/ major events of the history of SCI since its inception in 1961 will be showcased during the event. These milestones showcase the 1st in the country services provided by SCI.

SCI Corporate film which was released on its Diamond Jubilee event on 3rd Oct' 2021 has displayed.

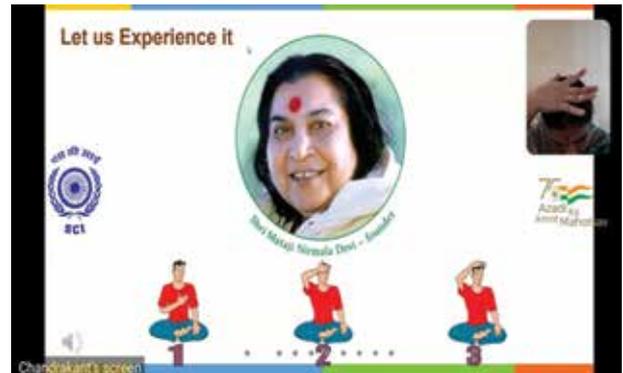
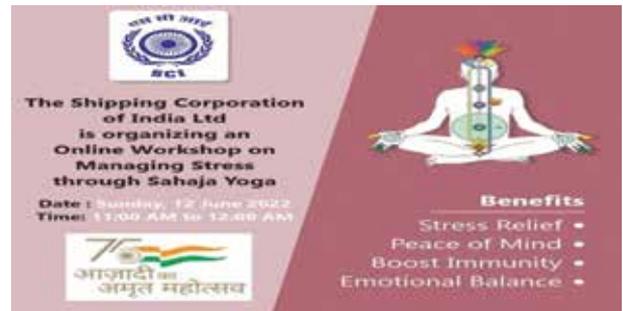
Awards & accolades bestowed on SCI.



June 12, 2022: Plantation Drive: A plantation drive was organized at SCI Maritime Training Institute, Powai, Mumbai to nurture the nature under the iconic AKAM Mega show week on 12th June' 2022.



June 12, 2022: As part of Azadi Ka Amrit Mahotsav celebrations & countdown to Int'l Yoga Day, a Sahaja Yoga workshop was held on June, 12 '2022 by Sahaja Yoga Meditation Society, heralding SCIans on a voyage of Health & Wellness, towards a harmonious lifestyle.



June 21, 2022: International Yoga Day celebrations: The International Yoga Day was celebrated on 21st June with the theme "Yoga for Humanity". To disseminate the information about the benefits of practising Yoga, a Yoga workshop was organized for all employees. Shri Mukesh Jodhani, Faculty, Art of Living, conducted a session invigorating mind, body & soul for holistic health & well-being of SCIans ashore & at sea. The event was broadcasted live through the employees and seafarers via virtual medium.



July 15, 2022: “Vaccination Ka Amrit Mahotsav”: 75 days - ‘COVID Vaccination Amrit Mahotsav’ commenced from 15th July 2022 to provide free Precaution Dose at all adult (18 years and above) eligible population at Government COVID Vaccination Centres (CVCs). Being implemented in a ‘Mission Mode’ this special COVID vaccination drive is a part of the celebration for Azadi Ka Amrit Mahotsav. The special drive is aimed to increase uptake for the Precaution Dose of COVID Vaccine among the eligible adult population.

In our resolute commitment to Nation's fight against Covid 19, and to achieve massive 200 crore Vaccinations & be part of the above “Vaccination Ka Amrit Mahotsav” drive, SCI conducted a 3 days vaccination drive for the general public on 15th, 16th & 18th July’2022. A total of 486 beneficiaries were inoculated in the drive.



Organized following program for employees and family welfare:

Nutrition & Exercise: For healthy lifestyle for overall well-being, which only accentuated during pandemic, an interactive virtual session "Nutrition & Exercise" by acclaimed Nutritionist & Fitness Consultant held for SCI employees.

Self Defence Techniques: Self Defense building confidence of SCians in spirit of Azadi Ka Amrit Mahotsav: Session on Self Defence conducted in house with practical demo bringing out importance of physical and mental alertness for safety.

For the benefit of SCI employees, a Health related Virtual Session on "Metabolic Syndrome & its Prevention" by Dr. Swati Lokhandwala, AMO SCI, held on 11th Dec’2021 under SCI WIPS (Women in Public Sector) initiative.

Along with Divinity, good health is also important. Celebrating Azadi Ka Amrit Mahotsav and SCI's Diamond Jubilee Year, 12 Yoga series were conducted by SCI WIPS (Women in Public Sector) jointly with Ambika Yog Kutir for physical, mental and emotional well-being, Cleansing body, mind and soul. Healthy living for a balanced lifestyle.

Organising Series of Lectures by prominent personalities in different areas: Coping with Stress & Bringing in Overall Well-being.

Session on "Independent India @ 75: Self Reliance with Integrity" by Shri D. Sivanandhan, Former DGP, Maharashtra. ■

AVANI

The New Dawn



A.N. Srivastava

CMD, Armoured Vehicles
Nigam Limited

In a historic move, the Government of India decided to corporatize the functions of all the Ordnance Factories under Ordnance Factory Board. AVNL (AVANI) is one of the seven New Defence Public Sector Undertakings so created. Incorporated on 14th August 2021 and headquartered at Avadi (Chennai), AVANI heralds a New Dawn in the firmament of defence manufacturing. Born during the Amrit Kal of Azadi Ka Amrit Mohotsav, AVANI has an auspicious beginning and promises to be a world class armoured vehicles manufacturer and a strong pillar of Aatmanirbhar Bharat.

It has the following 05 constituent production units (erstwhile OFs)

- Heavy Vehicle Factory (HVF), Avadi, Chennai
- Engine Factory Avadi (EFA), Chennai
- Vehicle Factory Jabalpur (VFJ)
- Ordnance Factory Medak (OFMK), Hyderabad

- Machine Tool Prototype Factory (MTPF), Ambarnath, Mumbai.

It is involved in the production of armoured/ combat vehicles, such as, T-72 (Ajeya), T-90 (Bhisma), MBT Arjun, Infantry Combat Vehicles 'BMP-II Sarath', support vehicles (MPV, AERV etc.) and defence mobility solutions (Stallion, LPTA etc.). AVANI is the current market leader and has monopoly in the armoured and combat vehicles segment in India with the expertise and capabilities to fulfil the requirements of the Armed Forces. With an outstanding order book of INR 30,000 crores AVANI has the potential to be the most shining and brightest star in the armoured vehicles segment.

Vision

To strive to be a World class Armoured Vehicles manufacturer and a trusted global brand for domestic and international customers.





As per its long term corporate plan, AVANI shall strive to double its turnover in the next 3 years from the current level of Rs. 3300/- crores to Rs. 6600/- crores and position itself as a global Armoured vehicle brand in the next 10 years.

Mission

To be a prominent patron of 'Aatmanirbhar Bharat Abhiyan' and 'Make In India' Initiative in the Defence sector.

To establish and retain leadership in domestic market as the most reliable and preferred partner of our defence and Homeland Security agencies and develop the group into an international class defence conglomerate.

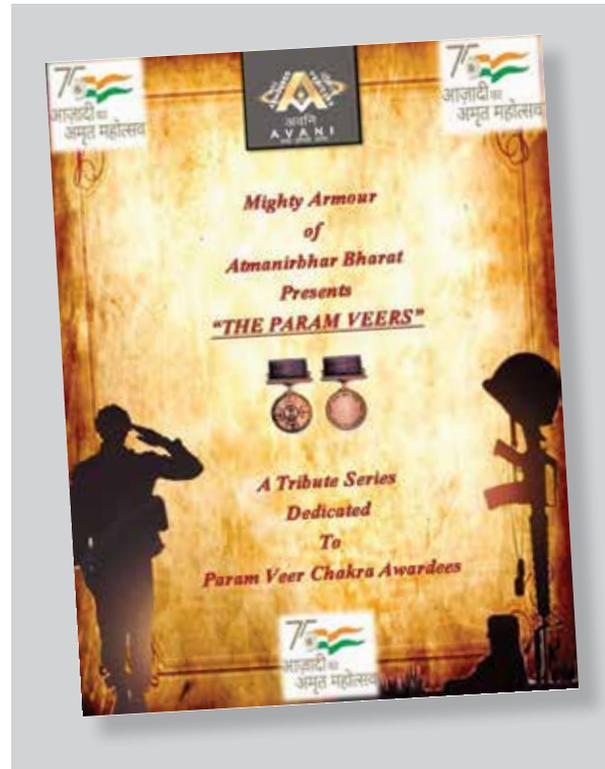
To create and strengthen Brand AVANI by providing superior value for money and exceeding the expectation of all stakeholders.

To be a system integrator of state-of-the-art technology and engineering solutions in the field of military mobility for our existing and potential customers.

To be a learning organization with global competencies, committed to creativity and innovation.

With the Trinity of Integrity, Innovation and Excellence as its MOTTO, its three pillars of strength are 11500+ strong highly skilled manpower, State-of-the-Art technology and positive & vibrant work culture. As a prominent patron of 'Aatmanirbhar Bharat Abhiyan' and 'Make In India' Initiative in the Defence sector, AVANI is committed to indigenisation, modernisation and innovation and help establish India as the defence manufacturing hub of the world.

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the



glorious history of its people, culture and achievements. This Mahotsav is dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential to enable Prime Minister Narendra Modi's vision of activating India 2.0, fuelled by the spirit of Aatmanirbhar Bharat. AVANI is fully pledged to play the role of a catalyst in celebrating the 75th year of independence and instil a sense of pride and patriotism amongst all.

Brief of Events on Azadi Ka Amrit Mahotsav celebrations of AVNL Public Exhibition of Defence Equipments

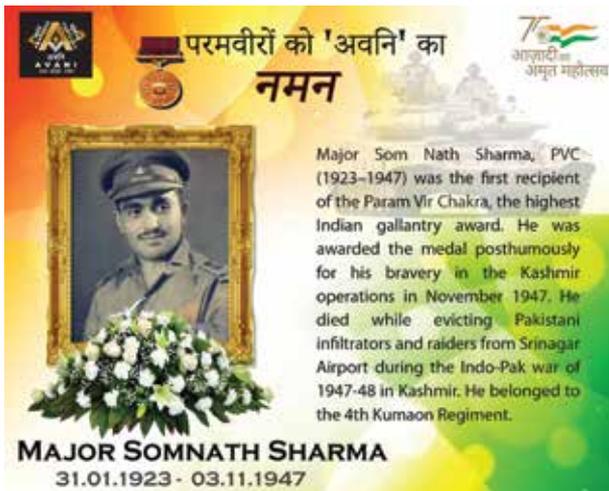
75 Public Exhibitions were planned by Department of Defence Production, Ministry of Defence through all Defence PSUs and erstwhile OFBs to showcase the defence capabilities of the country. Public defence exhibitions were organized and hosted by Armoured Vehicles Nigam Limited (AVNL) units and inaugurated virtually by Hon'ble Defence Minister Shri Rajnath Singh in the presence of Chairman Managing Director of ANVL.

All the 5 units of AVNL conducted the exhibition



in four locations from 13th – 19th Dec., 2021, as part of celebration for 'Azadi Ka Amrit Mahotsav'. The main objective of the exhibition was to raise awareness and project brand 'AVANI' amongst the public to showcase our manufacturing capabilities of armoured vehicles.

Main Battle Tanks T-90 (BHISMA), T-72, ARJUN tanks, Bridge Laying tanks, Armoured Repair and Recovery vehicles were on display, along with stalls showcasing the contribution of the DGQA towards 'Aatmanirbhar Bharat', the government initiative



for a self-reliant India. It also exhibited indigenous components used in combat vehicles and warship projects. This exhibition was a massive success. It received a lot of appreciation from the general public and drew massive crowds and were a big success.

Social Media: Twitter series to pay Tribute to the Param Veer Chakra Awardees – The Ultimate Bravehearts

As part of 'Azadi Ka Amrit Mahtosav', AVANI has initiated a tweet series titled 'Param Veers' as AVANI's way of expressing gratitude to the valour, gallantry and sacrifice and a Tribute to the Param Veer Chakra Awardees – Nation's Real Heroes.

100-Foot High Mast Pole for National Flag

As part of the 'Azadi Ka Amrit Mahotsav' celebrations, AVNL is planning for erecting a 100-foot High Mast pole to hoist the tricolour at Ajeya Stadium & AVNL Corporate Office, Avadi.

Commitment to Community

Under the aegis of ongoing celebrations of AKAM in AVNL, the drive for awareness about sanitation and COVID-19 related precautionary steps, AVNL distributed hand sanitizers and face masks to the local residents, police personnel and front-line workers in Avadi. HVF developed an equipment for testing blood penetration resistance for Personal Protective Equipment (PPE) to augment testing capacity in the country which was available only with SITRA, Coimbatore. MTPF contributed by manufacturing of ventilators. OFMK took up the repair of ventilators lying non-functional in various hospitals



Blood Penetration Test Equipment Ventilator.

in Hyderabad. Units also contributed by taking up manufacture of sanitizer, mask and donated to front-line workers.

AKAM – A Continuous Endeavour

Taking these celebrations on 'Azadi Ka Amrit Mahotsav' forward, AVNL has planned to organise events and wide range of activities to instil zeal and fervour towards our nation and culture. AVNL will be doing, extensive plantation drives around its areas, Blood donation Camp, Mini Marathon for school and college students, Quiz programmes, display of Unsung Heroes, distribution of first aid kit to senior citizens, caravan activities to maximize Jan Bhagidari, competitions and a lot more.

AVANI rightfully prides itself as the Force behind the Forces and is completely committed to the Service to the Services. Azadi Ka Amrit Mahotsav is not a mere government enforced activity or Slogan for AVANI, nor is it an official formality; it is a part of its corporate culture and DNA to be a unique corporate citizen distinguishing and excelling in operations but also being a pioneer in nation building missions.



The Power Of Togetherness !



Adika Ratna Sekhar
CMD, Balmer Lawrie &
Co. Ltd.



C&MD participating in the CEOs Roundtable.



Plantation drive at IP - Navi Mumbai plant.



Plantation drive at Aanganwadi at Padaghe village near IP - Navi Mumbai plant was attended by Mr. Joshi, Local Corporator, Teachers, Children and Villagers.



Tree plantation drive at Primary School, Dongripada, Sayli, Silvassa in the presence of School Principal Mr. Prabhu Bhai, Members of Self-Help Group and Balmer Lawrie officials

I would like to begin with one of my personal favourite quotes of Henry Ford and that is "If everyone is moving forward together, then success takes care of itself." The success of the Azadi Ka Amrit Mahotsav (AKAM) Mega Show organised by Department of Public Enterprises (DPE), Ministry of Finance, Government of India from 6th to 12th June, 2022 in association with SCOPE and

FICCI and support of 75 Central Public Sector Enterprises (CPSEs) is testimony to this thought. As Chairman & Managing Director of Balmer Lawrie & Co. Ltd., I ensured that we were an integral part of all the events in which we could participate. I was a member of the SCOPE AKAM Committee and Chairperson of the Plantation Drive committee. It was truly overwhelming to be

part of this first of its kind event which wonderfully showcased the exemplary and collaborative strength of the CPSEs. Teamwork has immense power and during the AKAM CPSEs Exhibition at Mahatma Mandir Gandhinagar we were fortunate to witness the camaraderie of CPSEs and I feel very happy and proud to state that together we celebrated collaboration.



Tree plantation drive at Primary School, Dongripada, Sayli, Silvassa in presence of School Principal Mr. Prabhu Bhai, Members of Self-Help Group and Balmer Lawrie officials

I fondly remember the initial meetings when ideation and planning for the AKAM Mega Week commenced and then how the ideas took shape and under the guidance of DPE how all the CPSEs got together with the resolve to execute the various programs scheduled during the week. SCOPE and FICCI's support was incredible.

I was part of the CEOs Roundtable on 'Role of CPSEs in Self-reliant India'. The entire experience was highly enriching and all of us were extremely grateful to get insights from Hon'ble Minister for Finance and Corporate Affairs. It was a privilege and honour to be deliberating with the Heads of CPSEs on charting the future roadmap to build a self-reliant India.

Balmer Lawrie participated in the CPSEs' Exhibition at Mahatma Mandir at Gandhinagar from 9th to 12th June, 2022, which was based on the theme 'Nation Building and CPSEs'. 75 CPSEs participated in this noteworthy exhibition for the first time. The exhibition was inaugurated by the Hon'ble Minister for

Finance and Corporate Affairs, Smt. Nirmala Sitharaman and Shri Bhupendrabhai Patel, Hon'ble Chief Minister of Gujarat. Many dignitaries along with CEOs, Directors and other Officials of Central and State Public Sector Enterprises (CPSEs) under various Ministries / Departments attended the event. The event was also virtually attended by other Officials of CPSEs from 75 locations across the country.

The Balmer Lawrie stall at the exhibition highlighted the 'firsts' of the Company and its contribution to Nation Building. We are a

Public Sector Enterprise with diverse businesses with presence in both manufacturing and services; self-reliant in each of the businesses we operate and significantly contributing to the growth of India since 1867. Balmer Lawrie is a pioneer in Grease manufacturing and amongst market leaders in Greases & Specialty Lubricants. The Company has been manufacturing greases since 1937. Mr. Paul Gonsalves, a chemistry graduate from Bombay and a Balmer Lawrien, also known as the 'Father' of the Greases in India, led an engineering breakthrough for Balmer Lawrie just before independence. This triggered a revolution in India for the manufacturing of greases - with Balmer Lawrie in the leading position. Success in Manufacturing was key for the nation's growth. In the 1930s Balmer Lawrie forayed into barrel manufacturing and became the largest manufacturer of steel barrels in India. We were the first PSE to have a Joint Venture abroad in UAE for barrel manufacturing. This culture of innovation inspired self-reliance, invention, and excellence. We are market leaders in Steel Barrel manufacturing with a market



Tree plantation drive by Container Freight Station, Navi Mumbai in association with Jawaharlal Nehru Port Trust (JNPT) & Customs Department. 50 saplings were planted by BL staff, Customs Officials & Dignitaries.

share of 35%. Balmer Lawrie is a manufacturer of Leather, Agro and Textile Chemicals using indigenous technology and a market leader in the fatliquor segment. The Company was also amongst pioneers in shipping and travel. We are the only diverse PSE handling Corporate Travel Management with a business vertical dedicated to ticketing and travel - Vacations Exotica - simplifying corporate and leisure travel of lakhs of customers from India every year. We are also the only PSE to provide integrated Logistics solutions; providing end-to-end Logistics Services backed by pan India infrastructure like Container Freight Stations, Warehouses and Cold Chain Units with Temperature Controlled vehicles. When India was battling the Coronavirus global pandemic in 2019, Balmer Lawrie LOGICOLD, spurt into action to provide modern, reliable and fast cold chain logistics solutions to store and transport Covaxin around the country. Later, assisting with the Sputnik Vaccine which was manufactured and imported from Russia.

During the Iconic week, a pan-India plantation drive for



Plantation drive at Greases & Lubricants, Kolkata. A small plot of land which was earlier used as scrap yard was converted into a garden and various fruit trees were planted here.

plantation of more than 75000 saplings by CPSEs at their offices, townships, production units etc. was also organised. Balmer Lawrie participated in the plantation drive on 12th June 2022 in which employees, customers, members of the community and other stakeholders participated to endorse 'Jan Bhagidari'. We contributed to the increase in green cover by planting more than 100 trees in all the regions across India. Being the Chairperson of the plantation committee, it was my responsibility to ensure that this mega plantation drive went

off smoothly and the targets allocated to each CPSE were met. The nodal officer from Balmer Lawrie made efforts to connect with the nodal officers of other CPSEs and I personally held meetings followed with regular communique to ensure the success of the program. My team monitored the plantation activity of the 75 CPSEs and also the social media activity for the same.

Delegates from Balmer Lawrie attended the workshops held on 10th and 11th June at Mahatma Mandir. A workshop on "Corporate Social Responsibility (CSR) with special focus on Aspirational Districts" was organised on 10th June. Hon'ble Minister of State for Finance, GoI inaugurated the workshop that was joined by more than 200 participants from CPSEs, Aspirational Districts, State Governments and NGOs. On the same day, an outreach program on Memorandum of Understanding (MoU) System for performance evaluation of Central Public Sector Enterprises (CPSEs) was also conducted. Similarly, two more workshops were conducted on 11th June,



Tree plantation drive at Manali, Chennai.



In the plantation drive at IP - Asaoti, fruit trees were planted in the factory premises.



Tree plantation drive by Balmer Lawrie officials at Container Freight Station, Kolkata.

2022 on “Public Procurement with a special focus on vendor interface with the Micro & Small Enterprises (MSE)” and “Procurement by CPSEs with Special focus on Vendor Interface with GeM”. These workshops provided vendor interface with CPSEs in which the issues and suggestions on public procurement, TReDs portal, GeM features, etc. were deliberated. The live workshop of public procurement was also virtually joined by participants from five different locations - Mumbai, Kolkata, Kochi, Chennai and Guwahati. There were more than

800 participants in the two workshops and around 1000 viewers also watched it on YouTube and Facebook. The celebrations also included the inauguration of conversion of 2 townships of CPSEs, viz., NTPC, Solapur and BEL, Bangalore as Mini Smart Cities. In total 27 townships by 15 CPSEs were converted as mini-Smart Cities as part of AKAM celebrations.

Besides participating in the AKAM Mega Week celebrations, Balmer Lawrie has been organising various activities as part of the AKAM celebrations by Ministry of Petroleum and

Natural Gas (MoPNG), GoI, being a member company of the Ministry. We will continue to organise programs to mark 75 years of India’s Independence and tell the world about the greatness of our country and its people. H.E. Luccock, a prominent American Methodist Minister and professor of Homiletics at Yale’s Divinity School, said, “No one can whistle a symphony. It takes a whole orchestra to play it.” Well, the orchestra at the AKAM Mega Week successfully played the symphony of “the power of togetherness” and set the ball rolling for more such shows in the future!



Team Balmer Lawrie poses with C&MD and Director (Service Businesses) at the Balmer Lawrie stall.

CCL Mining for the nation@75



P M Prasad
CMD, CCL

Embarking on “Aatmanirbhar Bharat, campaign, Central Coalfields Limited (CCL) is planning for 100 Million Tonnes of raw coal production by 2020-25 in sync with 1 Billion Tonnes vision of Ministry of Coal under the dynamic leadership of Hon’ble Union Minister of Coal, Shri Pralhad Joshi, guidance of Hon’ble Coal Secretary, Govt. of India Dr. Anil Kumar Jain and Coal India Chairman Shri Pramod Agarwal and support from Jharkhand government to meet growing energy requirement of the Nation. The company is also committed to contribute in the AatmaNirbhar Bharat Mission of the government to commemorate 75 years of independence. With an operational area of 2600 sq km stretched across 8 districts of Jharkhand, CCL, Jharkhand-based PSUs of Coal India Ltd, is one of the biggest employers of Jharkhand and a leading contributor to the state exchequer.

CCL has achieved many milestones under the leadership of CMD, CCL, Shri P. M. Prasad. The company has produced 68.5 MT coal production which is all time high from 12 Million Tonnes at the inception of CCL in 1975.

CCL has proved coal reserve of 25

Billion Tonnes in its command areas, which is fanned out in eight districts of Jharkhand including Ranchi. To meet the aspiration of the Nation, greenfield Mega Projects with MDO route is also planned in coming days. The company is also planning of six new coking coal washeries to reduce import of the coal.

Since the last couple of years, the entire world was shattered by COVID-19 pandemic but the coal warriors of the company have ensured that there is no dearth of the coal to the power plants associated with company. Despite the challenging circumstances, the company recorded its highest ever coal production and coal dispatch of 68.86 MT and 71.8 MT in FY 21-22.

Our aim is holistic development of the stakeholders. We concentrate our CSR initiatives in sectors like Skill development, drinking water, sanitation, health, sports promotion, Infrastructure development. The intention is to enhance the quality of life and foster sustainable and comprehensive development of the community.

We have taken part in the programs of national relevance as Swachh Bharat Abhiyan. We

constructed throughout the country under which over 10,000 toilets, An MoU worth Rs 22 crore has been signed with Akshaya Patra Foundation and Ramgarh district administration for establishment of a centralized kitchen. The kitchen will provide mid-day meals to 50,000 students of 586 government schools of Ramgarh District.

Another flagship project of the company is CCL ke Lal/Laadli where the meritorious students from marginalized, financially weaker section of community are provided free coaching for JEE exams by the IIT graduates employed in CCL. Many students of the previous batches have completed their education and have started their professional journey.

CCL operates the sports academy at Khelgaon in association with Government of Jharkhand to nurture the sports talents of the state. Training is imparted to the selected cadets in ten different sporting disciplines. There are 438 children enrolled in the academy, and about 96% of the cadets belong to SC/ST and other backward communities. The cadets of the academy have won over 800 medals in numerous state, national and

international competitions and have brought laurels to the state and nation.

To support wildlife conservation, we have adopted a pair of lions and tiger in Bhagwan Birsa Biological park. A plethora of other CSR initiatives are likewise being implemented by the company. Our belief is in executing transformative projects which unleashes the potentiality of the beneficiaries and develop into a model for replicable, integrated and sustainable growth.

The entire CCL family left no stone unturned to support the administration and the

local community in the struggle against Coronavirus. Over 1700 COVID patients have been successfully treated in the hospitals of the company. The company likewise gave Rs. 20 crore to state disaster management fund for the fight against COVID-19. We also gave Rs. 10 crore to eight district administrations to augment their health infrastructure.

We have accorded utmost priority to environment preservation and pollution control. The company is implementing various sustainable development initiatives to enhance the bio-diversity of the region. One of the important initiatives is utilization of surplus

mine water for community use for domestic and irrigation purposes. About 120 villages from Jharkhand are using mine water from CCL. During the last ten years, company has done plantation of over 37 lakh saplings for improvement in bio-diversity and environment.

Mining coal from the bowels of earth is a challenge, but being a responsible corporate organization, we are committed to ensure that the wheels of the development of the nation keep rolling. Our aspiration is not only to energise India but being a part in shaping the future of the country. ■

ECIL celebrates Azadi Ka Amrit Mahotsav With Zest and Zeal



**Rear Admiral Sanjay
Chaubey (Retd.)**
CMD, ECIL

ECIL was setup under the Department of Atomic Energy on 11th April, 1967 with a view to generate a strong indigenous capability in the field of professional grade electronics. Over the years, ECIL pioneered the development of various complex electronics products without any external technological help and scored several 'Firsts'. ECIL enabled the company to develop various products to cater to the needs of Defence, Civil Aviation, Information & Broadcasting, Telecommunications, Insurance, Banking, Police, and Para-Military Forces, Oil & Gas, Power, Space Education, Health, Agriculture, Steel and Coal sectors and various user departments in the Government domain. ECIL is executing many projects that will help the country in achieving "Aatma Nirbhar Bharat" in the field of Strategic Electronics.

Brief of Events on Azadi Ka Amrit Mahotsav: Notable initiatives

HR Initiatives: ECIL started the initiative by organizing Online Sessions on Motivational sessions by External Faculty on positive Thinking and Mental & Physical Well-being of Employees.

Green Initiative: ECIL organized massive plantation drive across its location in which ECIL Officials, Employees and other members from society participated. In this massive drive saplings have been either planted or distributed among residents of ECIL.



Swachata Abhiyaan: Swachata Pakhwada was organized, which has seen very positive participation resulted in the awareness towards keeping our surroundings clean and Hygienic.

The integration of Swachhta Pakhwada, Sanitation drive, etc. were organized and cleaned various work places of ECIL and surroundings and awareness programme was undertaken on COVID.



Cultural events were organized on the name of AKAM

Essay/ Elocution/ PPT/ Poetry/ Quiz competitions were organized.

Celebration of Telangana State Glorious Festival Bathukamma.

Celebration of International Women’s Day 2021; the Theme of IWD 2022 was #BreakTheBias. Dr. Ahilya Mishra, renowned literary personality attended as the Chief Guest for the Function. She encourages and enlightened the audience with her experiences, difficulties. The function was attended by C&MD, Directors and ECIL Employees.



‘Rajbhasha Chetana Month’ Celebrations on the motive of promoting Rajbhasha Hindi and its role in integration of India on the special of Azadi Ka Amrit Mahotsav.

Below are some Glimpses as part of AKAM

Saluting the Spirit of Freedom Movement ECIL aesthetically organized Desh Ki Azadi Ka Amrit Mahotsav an award distribution was also organized on the occasion of Independence Day, 2021 wherein Winners of the in-house competition and launch of AKAM special issue ‘ECIL Gaurav’ Magazine.

Celebrations of Dr. A. S. Rao BirthDay.



ECIL Celebrated 55th year of formation Day on 11.04.2022. On this occasion, ECIL has organized Sports competitions for ECIL employees and their family members

Series of Lectures by eminent personalities in different areas

“CMD Connect” was organized for motivating and discussing with new GET Batch.

An external Lecture session was conducted on the occasion of 63rd Workers Education Day.

The commitment @75 was taken and MoU Signed between IIT, Hyderabad and ECIL, Hyderabad for Development of 5G Technology Products by inspiration of AKAM

Electronics Corporation of India Limited (ECIL), Hyderabad, signed an MoU with Indian Institute of Technology, Hyderabad on 14th of March 2022 to indigenously design and develop various 5G technology-based products like 5G base station (5G-gNB), Internet of things solutions based on NB-IoT technology, 5G Network in a Box for secure private network, 5G Relay systems, Autonomous Navigation: Drones, Self-driving vehicles, etc. The MoU was signed by Cmde. M Nambiar (Retd), Registrar IIT, Hyderabad and Cmde. R. Santosh (Retd), GM Defence, ECIL, Hyderabad. Director IIT, Hyderabad, Prof. B. S. Murty and Chairman & Managing Director, ECIL, Rear Admiral Sanjay Chaubey (Retd.) and other senior officials from both the institutions were also present on this occasion



MoU Signed between IIT, Hyderabad and ECIL, Hyderabad for Development of 5G Technology Products.

ECIL CSR activities & Contribution towards Society

ECIL under its CSR activities procured and Handed Over the following Medical Equipments to District Medical & Health Officer in the presence of District Collector on 22.03.2022 for use in PHC's & CHC's at Bhadradri Kothagudem District, Telangana (Aspirational District).



Handing over of Multi Purpose Hall at PHC, Zam-migadda, Kushaiguda constructed & Donated.

It was informed that Ambulance provided by ECIL caters the emergency medical requirements to the shift patients from PHC to higher facilities and hospitals for further treatment. DM & HO mentioned that the services of Ambulance will be provided to the Below Poverty Line people visiting PHC in the vicinity of Kushaiguda, A.S Rao Nagar, Kapra, Cherlapally etc. who are not affordable to hire ambulance services in emergency conditions.



GRSE AKAM Celebrations



Cmde PR Hari, IN (Retd.)
CMD, GRSE

GRSE celebrates Azadi Ka Amrit Mahotsav Mega Week with 100 Tree Sapling Plantation Drive

Garden Reach Shipbuilders and Engineers Ltd. (GRSE), a Mini Ratna Category 1 Defence PSU and a leading warship-building company of India, commemorated Azadi Ka Amrit Mahosav (AKAM) celebration with 100 tree sapling plantation drive on 10th & 11th Jun 22.



100 tree sapling plantation drive by GRSE on 10th & 11th June 22.

As part of DPE's Iconic Week AKAM celebration, GRSE organised the 100 saplings plantation drive across all units taking forward the commitment to conserve and preserve environment.

Showcasing contribution towards Nation's Self Reliance Capabilities at 'Akam Mega Show' Exhibition-"Nation Building & CPSEs"

Participating in GoI's flagship 'AKAM MEGA SHOW' Exhibition -"Nation Building & CPSEs" at

Gandhinagar, Gujarat, GRSE provided a first-hand glimpse of GRSE's shipbuilding operations, indigenous capabilities, and various classes of ships delivered to Indian Navy, Indian Coast Guard and friendly foreign countries along with GRSE's contributions to the nation's self-reliance capabilities in shipbuilding and allied areas and shipyard's engagement with the people of the country.



Participating in GoI's flagship 'AKAM Mega Show' Exhibition - "Nation Building & CPSEs" at Gandhinagar, Gujarat.

GRSE exhibits at Kolkata and Ranchi: Celebrating AKAM (13th - 19th Dec 21)

To commemorate India@75 as part of Azadi Ka Amrit Mahotsav celebrations, Garden Reach Shipbuilders and Engineers Ltd. (GRSE), a Mini Ratna Category 1 Defence PSU and a leading warship building company of India commenced a seven-day public exhibition showcasing its decades of legacy in shipbuilding, current and futuristic products at Science City Kolkata, Indian Maritime University Kolkata & Diesel Engine Plant, Ranchi GRSE from December 13th - 19th, 2021. The exhibitions in all



Participation from Local Schools/Colleges Science City, Kolkata.

three locations were virtually inaugurated by the Hon'ble Raksha Mantri, Shri Rajnath Singh. Cmde P. R. Hari IN (Retd), Director (Personnel), Shri R. K. Dash, Director (Finance), GRSE and Senior Officials of GRSE were present at the inauguration ceremony. The inaugural day of India@75 public exhibition also witnessed the participation from students of local schools and the general public at large to have a first-hand glimpse of GRSE's shipbuilding operations, indigenous capabilities, and various classes of ships delivered to Indian Navy, Indian Coast Guard and friendly foreign countries. GRSE built Portable steel bridge models are also displayed at the exhibitions.

With the digital and physical displays, visitors can catch a glimpse of GRSE's contributions to the nation's self-reliance capabilities in shipbuilding and allied areas and its engagement with the people of Kolkata. These exhibitions were open to public from December 13th - 19th, 2021 (10:30 AM to 5:30 PM), with no entry fee.



Products, Platforms Displayed in the Exhibition (DEP Ranchi, Science City, Kolkata & IMU, Kolkata).



Souvenir stall/Selfie Points, Graffiti Areas for Public Feedback.

GRSE India@75 AKAM Week Celebration (Phase I - VI)

S. N.	PHASE	SCHEDULE
1	I	23 th April to 29 th April 2021
2	II	16 th July to 22 nd July 2021
3	III	8 th Oct to 14 th Oct 2021
4	IV	31 st Dec to 6 th Jan 2022
5	V	25 th Mar to 31 st Mar 2022
6	VI	17 th June to 23 rd June 2022
7	VII	9 th Sept to 15 th Sept 2022
8	VIII	2 nd Nov to 8 th Nov 2022
9	IX	25 th Jan to 31 st Jan 2023
10	X	19 th April to 25 th April 2023
11	XI	12 th July to 18 th July 2023
12	XII	4 th Oct to 10 th Oct 2023

PHASE - I: 23rd - 29th Apr 21

GRSE commemorates India@75 – April 2021

GRSE commemorated celebrations of the Country's 75 years of Independence (India@75) – Azadi Ka



Amrit Mahotsav through a week-long celebration. The highlight of the commemorations was the e-release of GRSE's Annual In-house Journal VARTA 2021 by Hon'ble Governor of West Bengal, Shri Jagdeep Dhankhar in the august presence of Rear Admiral V. K. Saxena, IN (Retd.) Chairman and Managing Director, GRSE, Cmde Sanjeev Nayyar, Director (Shipbuilding), Cmde P. R. Hari, Director (Personnel), and other Senior Officials of GRSE on 28th April 21.



Webinar on Enhancing Workplace productivity through Quality Circle.



Webinar on GRSE's success story of Indigenization towards Aatma Nirbhar Bharat.

The Hon'ble Governor of West Bengal in his address commended GRSE in contributing to the strategic needs of India's maritime interests and security. He also mentioned that the track record for delivery of 788 platforms including 107 warships by the shipyard, is a rare honour. The delivery of warships in recent times inspite of challenges, is a tribute to Team GRSE and its leadership, he said. While applauding the achievement of 90% indigenous



Webinar on Green Energy for land water transportation in India.



Webinar on enhancing supply chain management at GRSE.



Webinar on Skill enhancement program implementation and sustenance of IMS.



Release of GRSE's Annual Inhouse Journal Varta 2021.

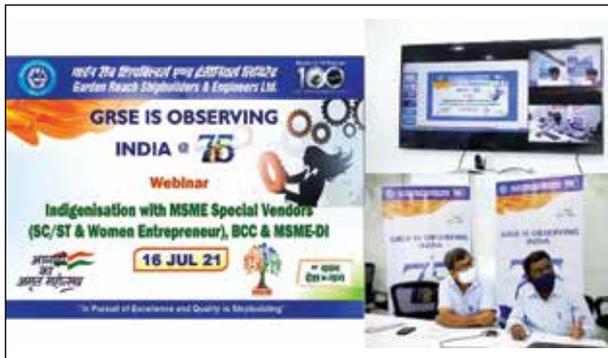
content on board GRSE's warships, GRSE's contribution to the PM Cares fund and to various other organizations in the State of West Bengal through CSR activities, was also appreciated by the Hon'ble Governor. The week-long celebrations saw five focused Webinars on enhancing 'Aatmanirbharta' with the first one on "Enhancing Workplace Productivity through Quality Circle" on 23rd Apr 21 that included GRSE's employees, apprentices and subcontractor working in GRSE. On 24th Apr 21, a "Webinar on GRSE's success story of indigenization, was conducted with reference to 90% indigenous content on board Anti-Submarine Warfare Corvettes and Landing Craft Utility Vessels. GRSE's future plans for indigenization onboard it's ships and engineering products, was also discussed. 27th Apr 21 saw another, "Webinar on Green Energy

for Inland Water Transportation in India” which focused on the key points like availability of design, necessary equipment fit availability in India, possibility of indigenous production of equipment, required upgradation of Merchant Shipping act or other regulatory rules requirement and possibility of export to the neighbouring countries. A “Webinar on Skill Enhancement Program for GRSE Employees on Implementation and Sustenance of IMS” and “Webinar on Enhancing Supply Chain Management at GRSE”, was conducted on 28th Apr 21.

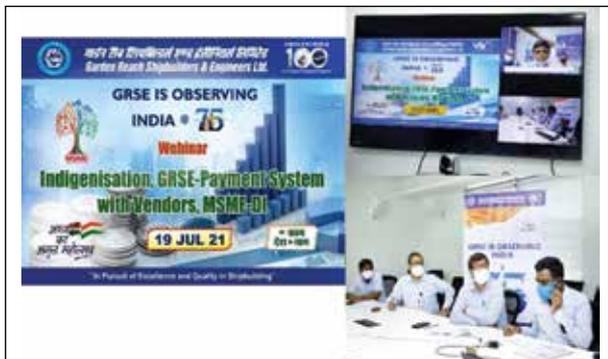
PHASE - II: 16-22 Jul 21

GRSE commemorates India@75 – ‘Towards Aatmanirbharta’ – July 2021

Embracing Indigenization and encouraging active MSME participation in the Government of India’s Aatmanirbhar Abhiyaan, GRSE celebrated the second phase of India@75 from 16th Jul 21 to 22nd Jul 21. The first phase of the celebration was observed by GRSE from 23rd Apr 21 to 28th Apr 21.



Webinar on “Indigenisation with MSME Special Vendors (SC/ST & Women Entrepreneur), BCC MSME-DI” was conducted on 16 Jul 21.



Webinar on “Indigenisation, GRSE Payment System with Vendors, MSME-DI” was conducted on 19 Jul 21.



Webinar on “MSMEs Development with MSME-DI & Vendors” was conducted on 20 Jul 21.



Webinars on “Quality Assurance with DGQA” & “Supply Chain Management at GRSE” were conducted on 22 Jul 21.

The week-long celebration witnessed five focused webinars. On 16th Jul 21, the first webinar was conducted on “Indigenization with MSME Special Vendors (SC/ST & Women Entrepreneur), BCC and MSME-DI” which encouraged women leadership roles in the advancement of MSME sector and contribution towards ‘Aatmanirbharata’. On 19th Jul 21, a “Webinar on Indigenization, GRSE-Payment System with Vendors, MSME-DI” was organized which emphasized the payment gateways involved in MSME transactions. 20th Jul 21 witnessed another webinar on “MSMEs Development with MSME-DI & Vendors” with a focus on expansion and enhanced participation of Indian MSMEs followed by a “Webinar on Quality Assurance with DGQA” and “Webinar on Supply Chain Management at GRSE” on 22 Jul 21.

PHASE - III: 08-11 Oct 21

GRSE commemorates India@75 Phase-III Celebration – October 2021

GRSE commemorates the Phase-III celebration of India@75 from 8th Oct 21 to 11th Oct 21.



The various events included webinars on “Smart Shipyard - Digital Fabrication - Precursor to Industry 4.0”, “Indigenisation with MSME DI”, “Supply Chain Management with emphasis on ship-building Industry” and “Special Vendor Development Program for MSME SC/ST Vendor in association with NSIC” to achieve overall Indigenization and Self-reliance in shipbuilding and create awareness of latest sectoral development amongst MSME vendors and stakeholders.

The four key webinars aim to bring out the theme of India@75 initiative of Govt. of India and highlight GRSE's Indigenization Effort towards AatmaNirbhar Bharat, Vendor Development and Supply Chain Management for shipbuilding & engineering items.

The first phase of India@75 celebration was successfully organized by GRSE from 23rd Apr 21 to 28th

Apr 21 followed by second phase from 16th Jul 21 to 22nd Jul 21.

PHASE - IV: 31 Dec 21 - 6th Jan 22

GRSE kicks off another week-long commemoration of India@75: Inaugurates 3rd Oxygen Generator Plant at a city hospital



GRSE kicks off another week long commemoration of India@75: Inaugurates 3rd Oxygen Generator Plant at a City Hospital.

Commemorating the 'Azadi Ka Amrit Mahotsav' week from 31st Dec 21 to 6th Jan 22, GRSE commenced India@75 celebration week with inauguration of a Medical Oxygen Generator Plant (MOGP) under its CSR initiatives at Bharat Sevashram Sangha Hospital (BSSH), Joka. Kolkata.

The oxygen plant at BSSH was inaugurated by Cmde P. R. Hari, IN (Retd.), Director (Personnel), GRSE in the presence of Swami Brahmattmananda Ji. Secretary, BSSH and Senior Officials of GRSE & BSSH. The newly installed 10-12 M3/Hr capacity plant at the hospital aims to reduce dependency on local oxygen suppliers and thereby strengthening public health system in any emergency situation.

Earlier in the year, GRSE has aided in setting up two Medical Oxygen Generator Plants at Ramkrishna Mission Seva Pratisthan and Saroj Gupta Cancer Centre & Research, Thakurpur. Considering the surge in Omicron cases across the country, the distinctive CSR initiative by GRSE caters to fulfil the

uninterrupted oxygen supply for the patients and enable hospitals to become self-sufficient in battling with the disease in a cost effective manner. With such initiatives, GRSE strives towards West Bengal's development and building a better tomorrow for all in the state. The week-long celebration will also witness five webinars on "Industry Collaboration with BNCCI", "Supply Chain for Micro & Small Enterprises at GRSE", "Combined Energy Management & Electrical Safety with NPC", "Opportunities for MSMEs and Indigenization Requirements at GRSE with MSME DI", "Vendor Development Drive (VDD) with NSIC" and a session on "Financial Freedom" for Employees.

PHASE - V: 25th – 31st Mar 22

GRSE celebrates India@75 - Phase-V

GRSE commemorated Phase-V of India@75 (Azadi Ka Amrit Mahotsav) celebration through multiple Webinars from 25th -31st Mar 22.

गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड
Garden Reach Shipbuilders & Engineers Ltd.

100

75 आज़ादी का अमृत महोत्सव

GRSE IS ORGANISING SERIES OF EVENTS

PHASE V India@75

MAKE IN INDIA

हर एक काम देश के नाम

"In Pursuit of Excellence and Quality in Shipbuilding"

25 Mar 22
Webinar on Vendor Grievance and Vendor Payment

28 Mar 22
Webinar on Vendor Development towards ANB in association with MSME DI

29 Mar 22
Webinar with NSIC for MSE SC/ST Vendor Development

30 Mar 22
Webinar on Supply Chain Management

31 Mar 22
Webinar on Quality Management System

Online sessions on "Vendor Grievance and Vendor Payment" on 25th Mar 22, "Vendor Development towards ANB in association with MSME DI" on 28th Mar 22, "NSIC for MSE SC/ST Vendor Development" on 29th Mar 22 followed by sessions on "Supply Chain Management" on 30th Mar 22 and "Quality Management System" on 31st Mar 22 marked the week-long celebration of India@75 to create awareness of latest sectorial development amongst MSME vendors, stakeholders and employees and highlight GRSE's self-reliance efforts.

The previous four phases of India@75 celebration were successfully organized by GRSE from 23rd - 28th Apr 21, 16th - 22nd Jul 21, 8th - 14th Oct 21 & 31st Dec 21 to 6th Jan 22. GRSE shall continue to celebrate India@75 in the coming months till Oct 2023 taking forward the Indigenization initiative.



GRSE organised webinar on "Vendor Development towards ANB in association with MSME DI" on 28th Mar, 22.

PHASE - VI: 17th - 23rd Jun 22

GRSE celebrates India@75 - Phase-VI

The week-long celebration of India@75 Phase VI from 17th - 23rd Jun 22 was organised to create awareness of latest sectorial development amongst MSME vendors, stakeholders and employees and highlight GRSE's self-reliance efforts in the domain. Online sessions were organised on "Spot Registration of MSME Women Entrepreneur & IDM Registration" on 17th Jun 22, "Global Supply Chain During International Crisis" & "Advancement in Portable Steel Bridges" on 20th Jun 22, "Session with SIDB/KPMG for MSME Vendor Support" on 21st Jun 22, "Green Energy for Inland Water Transportation in India" on 22nd Jun 22 and "Spot Registration of MSME SC/ST Entrepreneur & IDM Registration" on 23rd Jun 22.

The previous five phases of India@75 celebration were successfully organized by GRSE. GRSE shall continue to celebrate India@75 in the coming months till Oct 2023 taking forward the Indigenization initiative.

गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड
Garden Reach Shipbuilders & Engineers Ltd.

Builders of 100 Warships

75
आज़ादी का
अमृत महोत्सव

GRSE IS OBSERVING
india@75

Webinar on
**Spot Registration of MSME
SC/ST Entrepreneur & IDM Registration**

23 Jun 22

हर काम
देश नाम

"In Pursuit of Excellence and Quality in Shipbuilding"

HCL kindles patriotism, fosters self-reliance & improves lives

AKAM Iconic Week celebrations



Arun Kumar Shukla
CMD, Hindustan Copper
Limited

Observance of Azadi Ka Amrit Mahotsav, with its multi-faceted activities to commemorate the 75 years of our independence from the British rule, has ignited the spirit of patriotism across the country with its clarion call to celebrate the glorious history, culture and achievements of our great nation and to foster self-reliance with a mission to build an Aatmanirbhar Bharat.

As a Schedule "A" CPSU under the administrative control of the Ministry of Mines, Govt. of India, Hindustan Copper Limited observed the Azadi Ka Amrit Mahotsav Iconic Week Celebrations with great fervour and fanfare from 11th to 17th July, 2022. The highlights of the week were empowering the rural populace with livelihood opportunities, focusing on scientific and technological high points in the country's post-independence mining trajectory and shaping up young minds to instil love for the nation.

Launching of programme to promote micro-enterprise for the artisans in various user segments of Copper

To enhance livelihood opportunities among the local

populace, HCL launched a platform on 15.07.2022 at Indian Copper Complex, HCL's plant in Ghatsila, Jharkhand, to promote micro-enterprises for craftsmen in various user segments of Copper, especially with a mission to revive Dokra craft, one of the earliest known methods of metal casting using lost-wax casting technique, reflecting the beauty of life in its various forms.

With a mission to patronize the artistic legacy that provides job opportunities to many, Copper was handed over to the artisans of Kulisuta village near Ghatsila as input of Dokra products. HCL will also be providing the artisans with coke as fuel for the pit furnace, tools like Buffing machine and materials like Emery paper, different types of filers, blowers, wire brush, etc. to improve the quality of products and safety tools like leather hand gloves, goggles, mask, etc.

Further, to provide them with marketing support and to upgrade the skills of the craftsmen, HCL will also be providing training to the artisans through M/s Kalamandir (a registered not-for-profit society) on usage of the new machines and in designing new products, to upgrade the process in order to prevent wastage of metal and energy loss.



At the event on 15.07.2022, the local artisans and all the women representatives from Self Help Groups promoted by HCL in and around Ghatsila were felicitated on the occasion. More than 240 members from 21 Self Help Groups were present on the occasion. Stalls with products like wooden craft, muri (puffed rice), hand gloves, dokra items and other items produced by the Self Help Groups were put up near the venue for display and sale.



Shri Sanjay Panjiyar, Director (Operations), HCL handing over Copper to the artisans of Kulisuta as input of Dokra products.



Felicitation of women representatives from Self Help Groups by Shri Sanjay Panjiyar, Director (Operations), HCL.



Felicitation of women representatives from Self Help Groups by Shri Sanjiv Kumar Singh, Director (Mining), HCL.

Technical session on “Evolution of Exploration, Mining, Metallurgy and Usage of Copper in India in 75 Years & Future Directions”

In observance of the iconic week of Azadi Ka Amrit Mahotsav, HCL organized a one-day knowledge sharing session titled “Evolution of Exploration, Mining, Metallurgy and Usage of Copper in India in 75 Years & Future Directions” on 16.07.2022 to discuss topics covering almost the entire spectrum of the copper industry, that is exploration and exploitation of copper ore, extraction of copper and emergent usage of copper in health sector.

As the mining and metal sector deals with natural resources, the industry faces challenges galore, often due to reasons like geological complexities, efforts for mechanization of mines while maintaining safety and sustainability, mineralogical complexities of ore and need for extracting metal in economical and feasible ways. Thus, collaboration of industry and academia is the need of the hour to focus on research and development and other innovative ideas.



Shri Arun Kumar Shukla, CMD, Hindustan Copper Ltd. inaugurating the technical session.

Renowned experts from the four fields have shared their valuable insights on the topics, namely Mr. Pradipta Tarafdar, ex-DDG, GSI, Guest Faculty, Calcutta University, Guest Faculty, GSI Training Institute, Professor Khanindra Pathak, Professor and Dean (Infrastructure), IIT Kharagpur, Department of Mining Engineering, Professor Indranil Manna, Vice Chancellor BIT Mesra, Ex-Director, IIT Kanpur, Ex-Director CSIR-CGCRI and Professor Samir Kumar Pal, Senior Professor / Scientist, Satyen Bose National Centre for Basic Sciences, Kolkata.



Shri Pradipta Tarafdar.

The first talk of the session was delivered by Shri Pradipta Tarafdar on “Exploration for Base metals In India -Past & Present”. He discussed India’s potential of copper ore and other base metals like lead, zinc etc. As he raised the concern on limited copper ore resource base in the country reported till date, he also described the geological settings of the prospective belts for copper and other base metals in Western Peninsular India, Eastern Peninsular India, Central Peninsular India, Southern Peninsular India and status of exploration in these belts. Mr. Tarafdar also deliberated on the promising prospects of copper and associated metal ore deposits in the states like Rajasthan and Odisha. He insisted that depth exploration in the mining areas need to be done where there is evidence that lodges are continuing at depth (>500m vertical depth from surface) as well as along the encouraging prospects. He explained the need for focusing on exploration targeting deep seated concealed bodies covered below thick alluvium, sand, Deccan Flood Basalts and Upper Proterozoic sedimentary basins, which are covering about 60% of the Indian landmass. He has also highlighted the initiatives of Geological Survey of India in exploration targeting deep seated concealed bodies like National Aero-geophysical Mapping Program and Project UNCOVER.

Professor Khanindra Pathak, Professor and Dean (Infrastructure), IIT Kharagpur, Department of Mining Engineering, delivered a talk on “Towards Sustainable Mining”. Professor Pathak in his thought-provoking lecture explained the need for Sustainable development in any mining area where environment, structural change, society and economy are the major Post Mining Scenario and

Challenges needing attention. He also insisted on the need for monitoring and measurement of sustainable needs as well as development of Integrated mine closure plan, a dynamic and iterative process that considers environmental, social and economic factors from an early stage of mine development and throughout the life of an asset. He explained in details the regenerative sustainability planning for mine closure, taking care of the issues like management of mine affected water, waste rock dumps, tailings storage facilities, ground subsidence and sinkholes, un-rehabilitated mine voids, air pollution and the related health, safety, and security of the neighboring communities.



Professor Khanindra Pathak.

Professor Indranil Manna, Vice Chancellor BIT Mesra, Ex-Director, IIT Kanpur, Ex-Director CSIR-CGCRI, spoke on “Development of wear Resistant Novel Copper Alloy Electrical Contacts”. Professor Manna, in his highly enriching lecture, shared details of one of his experimental studies carried recently for development of wear Resistant Novel Copper Alloy composed of Copper, Chromium and Silver. He explained that mechanical alloying of elementals like Cu, Cr and Ag can lead to formation of a single-phase solid solution matrix with nano-precipitate/oxide dispersion. Consolidation of milled powder mass of desired composition can be achieved by (i) hot pressing, (ii) ECAP, (iii) Laser Sintering. Addition of Al₂O₃ particles results significant increase of the hardness values and improvement in wear resistance though the conductivity of the pellets decreases marginally. Based on his experimental studies he concluded that Laser additive manufacturing is a very promising method to develop Cu-based finished components with compositional, structural and functional gradation.



Professor Indranil Manna.

Professor Samir Kumar Pal, Senior Professor / Scientist, Satyen Bose National Centre for Basic Sciences, Kolkata, updated the august gathering about “Contemporary Spectroscopy and Nanotechnology in Healthcare and Use of Nano-Copper for Sensing and Remediation of Diseases”. He delivered an interesting lecture on utilization of copper in medicines and other health care. Copper in its native form as well as in its oxides and other compounds have been known to possess medicinal benefits. Even more advantageous is copper nanomaterials, which, owing to their high surface to volume ratio, introduces certain properties otherwise not offered by its bulk form. Prof. Pal in his presentation talked about the applications of copper nanomaterials in certain medicinal benefits. With spectroscopic techniques his group has established the root cause of these materials being superior. He also talked about the “copper circular economy” and possible usage of copper slags. He mentioned about the invention of a new instrument AJO which is capable of measuring Anaemia, Jaundice and Oxygen saturation at one go in non-invasive and noncontact way without any blood pricking in a very short time (0.5 second). Further, its capability of data transmission to 10,000 km in 3 second in order to get expert doctor’s opinion in rural areas is found to be very useful for the control of mother and child mortality rate.



Professor Samir Kumar Pal.

The seminar was attended digitally by officials of the Corporate Office and all other Units of HCL, viz. Khetri Copper Complex in Rajasthan, Malanjkhanda copper Project in Madhya Pradesh, Taloja Copper Project in Maharashtra and Gujarat Copper Project in Gujarat.



The technical experts along with D(M), HCL, and other senior officers.

Prabhat Pheri

Prabhat Pheri was organized in HCL Units on 13.07.2022 followed by Nukkad Nataks by school children, themed on highlights of the country’s struggle for freedom as an endeavour to kindle the fervour of patriotism and shape young minds. The event was flagged off at 8 AM simultaneously in all the units of HCL by their respective Unit Heads viz. Shri S. Dey, ED, Indian Copper Complex (ICC), Ghatsila, District East Singhbhum, Jharkhand, Shri Sreekumar, ED, Khetri Copper Complex (KCC), District Jhunjhunu, Rajasthan, Shri Ghanshyam Das Gupta, GM, Malanjkhanda Copper Project (MCP), District Balaghat, Madhya Pradesh and Shri Abhimanue Singh, DGM and In-charge in Taloja Copper Project (TCP), District Raigad, Maharashtra.



Prabhat Pheri down the leafy avenues chanting the patriotic slogans.

Employees and their family members, students and inhabitants of HCL townships actively took part in



the Prabhat Pheri. The participants held placards and banners themed on India's struggle for independence and chanted patriotic slogans as they walked down the leafy avenues of HCL Units. Employees of Talaja Copper Project organized Prabhat Pheri within the plant premises.



Children in Nukkad Natak organized by HCL after Prabhat Pheri.

After the event, the school children presented Nukkad Natak based on India's freedom struggle and the great heroes of the land who sacrificed themselves for the country. Instilling patriotism in the heart of the young ones is pivotal to nation building.



The Prabhat Pheri and Nukkad Natak team.

Later in the day, saplings were planted in all the Units by the township people. Around 2200 people were engaged in Prabhat Pheri.



Plantation of saplings after Prabhat Pheri and Nukkad Natak.

Screening of audio-visual creatives on Copper

Audio-Visual creatives on history of Copper and its role in the contemporary world were showcased in observance of the iconic week of Azadi ka Amrit Mahotsav from 11th to 17th July, 2022. The clippings were screened in all the Units of HCL, uploaded on YouTube, Twitter and Facebook to create greater awareness about Copper, its usage, benefits and significance. The topics of the creatives revolved around Copper, its history, role and benefits with relevance to the contemporary world. (https://www.youtube.com/channel/UCeMW_QP-PxFpwx9wa7HJBw).



India with its glorious past and a promising future has a lot to offer to the global community. The country has come a long way after breaking free from the colonial rule 75 years ago. Celebrating Azadi Ka

Amrit Mahotsav has given us the precious opportunity to take a relook at the past, learn from our lapses and steer the nation in its growth path towards a glorious future. ■

Celebrations of Azadi Ka Amrit Mahotsav by HLL



K. Beji George, IRTS
CMD, HLL

India's healthcare sector has progressed immensely across several verticals of healthcare during the past 75 years. An organisation that germinated from the Family Planning Mission has perched itself strongly with its roots affirmed in India's healthcare sector during 55-year span, living up to its vision of 'Innovating for healthy generations'. It brought about a revolution – a revolution that swept the length and breadth of the country. The revolution that reached every corner of the country as well as many parts of the world, addressing public health challenges and bringing good health and happiness in its wake.

India calls it as Pink Revolution – and HLL Lifecare Limited is the organisation behind this revolution. HLL Lifecare Limited is a professionally managed Global healthcare company under the Ministry of Health and Family Welfare, Govt of India.

Critical to the success of the "small family happy family" campaign of the Government of India, the Ministry of Health & Family Welfare established HLL for the production of natural rubber latex condoms in Thiruvananthapuram, Kerala on

1st March 1966. From a single-product company started around 56 years back, the company has grown to a multi-product, multi-location corporate behemoth spread across 80 countries world over.

To commemorate India's 75th year of Independence, the Government of India launched an initiative called 'Azadi Ka Amrit Mahotsav', a celebration to remind us of the long and historical journey we have traversed and the resolutions to be made on our journey forward. In this regard, a grand exhibition was organised by the Department of Public Enterprises, under the guidance of the Ministry of Finance from 9th to 12th June, 2022 in Gandhinagar, Gujarat. The theme of the exhibition was 'Contribution of CPSEs in nation building since Independence' and showcased the achievements and contributions of 75 major CPSEs of our Nation over the years.

It was a privilege for HLL to participate in the exhibition and it gave HLL an ideal opportunity to showcase its journey over the last 56 years and the impact it has made on the life and health of the public not only in India but across the globe. In

the platform, HLL displayed.

Overview of HLL

HLL has transformed from a Condom manufacturing company to a Global brand offering healthcare services, by expanding its core business of manufacturing contraceptives and diversifying into the manufacture of other healthcare products like Blood bags, Sutures, Pharmaceuticals, Sanitary napkins etc. A display depicting in detail HLL's strengths in manufacturing, marketing, research and development, innovative technologies attracted the visitors.

Services being offered by HLL in Healthcare Domain

Besides establishing its credentials as a dependable supplier of contraceptives and healthcare products, HLL is the preferred implementation partner for many of their projects, especially in the areas of medical diagnostics services, running of maternity & child hospitals and sale of generic drugs and medical devices through fair-price shops.

HLL's healthcare services brand HINDLABS is a network of state-of-the-art diagnostic centers and

clinical laboratories across India. It offers comprehensive and advanced imaging and laboratory services at the most affordable prices for the general public. HINDLABS today is a chain of 280 diagnostic centres across 13 states in India. AMRIT (Affordable Medicines and Reliable Implants for Treatment), an initiative of MoHFW is a network of pharmacies offering more than 5200 drugs, implants, surgical disposables, and other consumables at average discounts of up to 40% of the Maximum Retail Price (MRP). Today, 233 AMRIT outlets are in operation across 28 states and union territories providing essential as well as generic medicines.

Woman-centric healthcare Solutions

HLL offers a range of women healthcare products with a promise to provide total healthcare for women of all ages - addressing their social, mental and physical well-being. The product basket includes - Contraceptives, Ovulation inducers, Antiemetic, Menstrual Cycle Regulators, Anti-fibrinolytics, MTP Pills, Pregnancy Test Kits, Natural Products and Vaccines. As one of the pioneers of Menstrual Hygiene Management in India, HLL offers a range of hygiene products such as sanitary napkins and menstrual cups and has also been offering disposal solutions through the installation of incinerators of varying sizes at schools, offices and homes.

HLL Infratech Services Ltd (HITES)

Incorporated in the year 2014 is a subsidiary of HLL specializing in infrastructure development and

procurement of medical equipment and devices in the healthcare sector. HITES provides services in design, engineering and execution of construction projects. With expertise in varied fields such as project and construction management, procurement, engineering (civil, electrical, electronics, instrumentation, mechanical and bio-medical), financial management, contract management and legal services, the team steers customers' need of creating state-of-the-art healthcare facilities.

HLPPT

A non-profit organization is an associate company of HLL rendering services in the entire domain of RMNCH+A (Reproductive, Maternal, Newborn, & Adolescent Healthcare) including HIV Prevention and Primary Healthcare. The exhibition turned out to be a great platform for HLL to interact with various other CPSEs, policy makers, politicians, bureaucrats, business associates, entrepreneurs and the platform provided us with the following opportunities:

Partnership opportunity with other CPSEs as part of the CSR activity: The event provided HLL an opportunity to network with other major CPSEs and their clients for delivering our products and services. HLL has partnered with many CPSEs - IOCL, HPCL, BPCL, Coal India Limited, GAIL, SAIL, NCL, SECL, WCL, MCL, NALCO, NMDC etc. majorly as a CSR implementation agency.

Policy makers and other health officials were introduced to the various interventions made by HLL in the healthcare domain.

Opportunity to partner with

Maharatna and Navaratna CPSEs through the launch of HINDLABS and AMRIT in their respective Smart cities / Townships.

Various projects and services related to hospital / medical infrastructure were put forth and various policy makers showed interest in pursuing it further.

Could showcase the various CSR activities undertaken and executed by HLL in various healthcare segments eg. Medical camps, awareness sessions for school children, distribution of menstrual management products etc.

Apart from exhibiting our capabilities in the event that took place in Gujarat, multiple events and programmes were held across all units of HLL as part of the AKAM Mahotsav.

One of the many significant activities planned by the Government was the plantation drive. As part of the initiative, HLL organized a nationwide plantation drive on the 10th and 11th of June 2022 across its manufacturing units and subsidiary companies in nine locations across India.

The official Language division of HLL conducted an All-India Official Language Seminar on the theme "Azadi Ka Amrit Mahotsav" in which all employees of HLL and its subsidiary companies participated. More than 24 participants did paper presentations on the theme and the top three participants were given best presentation awards.

As part of AKAM, the woman employees of HLL made a video collage by singing the national anthem and it was telecast through HLL's official website, its YouTube channel - Channel HLL and its official Facebook page.

The Corporate Communications Division of HLL conceived a high-quality video covering the history, growth and core competence of HLL and its impact on society, in English, Hindi and Malayalam.

The national launch ceremony of 'Azadi Ka Amrit Mahotsav' was live telecasted through HLL's internal LED monitors across all units.

'Azadi Ka Amrit Mahotsav' has brought alive the spirit of Independent India and has helped revisit the milestones HLL has travelled during the last 56 years. Through Azadi Ka Amrit celebrations, HLL was able to further showcase its areas of activities and strengths to a larger audience. HLL is proud to be associated with the Ministry of Health and Family Welfare by supporting all its efforts to

attain the highest possible level of health and well-being for all, through preventive health care and universal access to quality health services without anyone having to face financial hardship as a consequence. With nearly 5000 highly skilled qualified manpower, HLL is all set to further demonstrate its commitment in building a healthy India by empowering a healthy generation. ■

Hotel Corporation of India Ltd. celebrates Azadi Ka Amrit Mahotsav



Deepak Khullar

CEO, Hotel Corporation
of India Ltd.

Hotel Corporation of India Ltd. (HCI) was incorporated on 8th July, 1971 as a subsidiary of Air India Ltd. under the Ministry of Civil Aviation. HCI currently operates the “Centaur” hotels in Delhi & Srinagar and the “Chefair” flight catering units in Delhi & Mumbai. HCI also operates the Air India Domestic and International Airport Lounges at T3, IGI Airport New Delhi.

Brief details on HCI’s operations have been provided below.

Centaur Hotel Delhi Airport, New Delhi

The Centaur Hotel, New Delhi was commissioned in November 1982. Located within 5 minutes of the Indira Gandhi International Airport & Aerocity and within a short driving distance from the various commercial hubs of Gurugram and Delhi, The Centaur Hotel New Delhi with 376 rooms & suites is spread across 12 acres of landscaped gardens and preening peacocks. The only destination resort within the heart of the capital city, The Centaur Hotel offers some of the largest indoor and outdoor venue options for weddings & celebrations and can accommodate over 3000 guests

at a time. Guests can enjoy a dip in the full-sized swimming pool, partake of a leisurely stroll in our sprawling Peacock lawns, enjoy putting greens or a game of Tennis & Croquet besides other board/ indoor games. Our team of expert chefs, proficient in various world cuisines spanning Indian, Continental, Oriental & South Asian ensure a meal of your choice is served in the comfort of your room round the clock or for a take-away.

Centaur Lake View Hotel, Srinagar

Centaur Lake View Hotel, Srinagar, spread across 13 acres of landscaped gardens and with over 250 guest rooms & suites, is the only large upscale hotel in Srinagar that is located on the banks of the picturesque Dal Lake. Situated adjoining the Sher-e-Kashmir International Convention Center that can accommodate over 1000 delegates, the property is also easily accessible from all the popular sightseeing and shopping attractions of Srinagar, making it the first choice for all Meetings, Conventions and Leisure travellers. With the largest inventory

of guest accommodation in any hotel, sprawling lawns with a capacity to accommodate over 2000 guests at any given time & a range of dining options curated by our Master Chefs, the property is an ideal destination wedding resort.

Chefair Flight Catering units at Mumbai & Delhi

The flight kitchens at Mumbai & Delhi Airports were set up in 1969 and 1970 respectively in Mumbai & Delhi. The flight kitchens cater to the in-flight Food & Beverage requirements of various domestic and international airlines. The units also undertake various outdoor catering assignments for various companies and institutions.

T3 Lounge, IGI Airport

Commencing operations in January 2013, Chefair Flight Catering, Delhi operates the International and Domestic Air India Airport Lounges at the T3 IGI Airport, New Delhi.

Celebration of 'Azadi Ka Amrit Mahotsav' at HCI

'Azadi Ka Amrit Mahotsav'

(AKAM) is an initiative to commemorate 75 years of free India. It celebrates the glorious history of its people, culture and achievements and is an embodiment of all that we are proud of, be it socio-cultural, political or our economic identity. As the whole country is gearing up to celebrate this milestone, all of us at HCI consider it a rare privilege towards making the celebrations of India@75 a grand success. With a view to support the Har Ghar Tiranga Campaign under the Azadi Ka Amrit Mahotsav initiative, HCI is proud to share the completion of the following activities:

A Banner image on our brand.com (www.centaurhotels.com) has been uploaded to promote the Har Ghar Tiranga Campaign. The creative captures the hues and colours associated with our National flag. Printed Posters of the campaign have been placed in all our operating units to create

awareness amongst our employees, urging them to purchase and hoist our National Flag.

With the objective to make offline visitors & guests aware about the campaign and induce them to purchase flags on the Har Ghar Tiranga website, a Poster with a QR code at The Centaur Hotel, New Delhi is currently being prominently displayed at the digital screen placed in the lobby. Upon scanning the QR code, the visitor will be automatically be diverted to the Har Ghar Tiranga website.

To induce purchase and hoisting of our National Flag, QR-based Har Ghar Tiranga campaign creatives have been posted on our all-Social Media handles, i.e. Facebook, Instagram & Twitter. Upon scanning the QR code, audiences on our social sites will be directed to the Har Ghar Tiranga website.

To encourage and incentivise

purchase & the hoisting of our National Flag, a Contest is currently being promoted whereby anyone hoisting our National Flag at the roof tops of their homes and posting an image of the same on our Social Media handles with the tagline "Hoist an India flag – Har Bhartiya ka Swag", will be entitled to win free/ discounted stays and meals at The Centaur Hotel, New Delhi.

By contributing to AKAM, we expect to spur the spirit of patriotism amongst all our stakeholders and remind us all of our glorious culture & history. The activities planned will also motivate us to strive towards taking our great Nation on the path of sustainable development model and bind us all to work together for raising benchmarks in every aspect of our lives. Events and activities organized by HCI showcases its commitment towards this milestone celebration. ■

AKAM celebrations at Hindustan Shipyard Limited



**Cmdr Hemant Khatri,
IN (Retd.)**
CMD, HSL

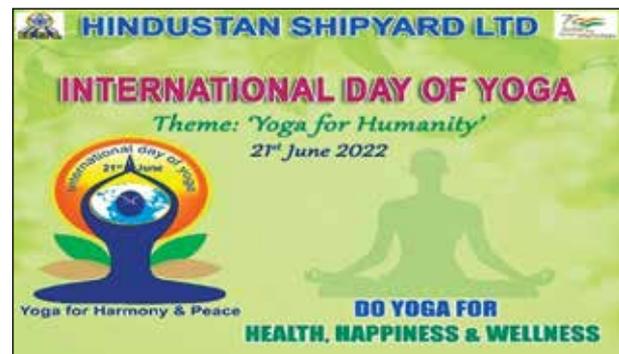
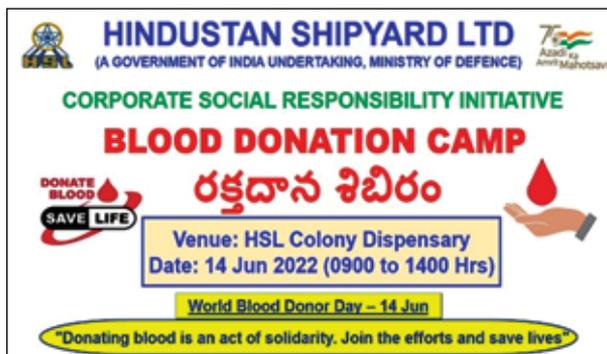
Blood Donation Camp

HSL in association with Indian Red Cross Society organized a Blood Donation Camp in the shipyard colony dispensary on 14 Jun 2022 on the occasion of World Blood Donor Day (14 Jun) as a Corporate Social Responsibility (CSR) activity under Azadi Ka Amrit Mahotsav initiative. Over 100 volunteers including HSL employees and contract employees donated blood in the camp. CMD, HSL acknowledged the services of Blood Donors, CSR Committee members, Indian Red Cross Society, Doctors, Para medical staff of HSL and representatives of recognized trade unions, HS Rover Scouts for rendering their valuable services for successful conduct of the

blood donation camp. HSL received a certificate of appreciation from Indian Red Cross Society in appreciation of the concern to the community needs.

8th International Yoga Day Celebrations

HSL celebrated International Yoga Day under the theme "Yoga for Humanity" on 21 Jun 2022 as a part of Azadi Ka Amrit Mahotsav initiatives. The Yoga camp was also organised at HSL colony for the residents from 01-20 Jun 2022. A mass yoga session with the participation of more than 1000 employees was conducted by Yoga professional in the Shipyard on 21 Jun 22. CMD, HSL while addressing



the gathering, emphasized that the benefits of yoga are strengthening us mentally, spiritually and physically and it should be a way of life for all employees which will improve the efficiency of the organization in addition to good health and happy life in the family.

HSL 81st Foundation Day Celebrations

HSL celebrated 81st Foundation Day on 21 Jun 2022 by paying rich tributes to Shri Seth Walchand Hirachand Doshi, the founder of the Shipyard. On this occasion, HSL has dedicated its 200th constructed Ship 'Balbir' for Indian Navy and 2000th repaired Ship SCI Pawan of SCI to the Nation under Azadi Ka Amrit Mahotsav (AKAM). Photoframes of 200 Ships built by the Shipyard have been presented to all departments on this occasion. Following activities have been undertaken as a part of 81st Foundation Day Celebrations and to commemorate Azadi Ka Amrit Mahotsav:-



A book titled "200 Ships & Beyond" has been released in commemoration to the glorious history of eight plus decades.

The newly refurbished Submarine Pump Test Bed facility has been inaugurated in the Submarine Division.

3 Information Technology based applications namely, Annual Property returns, NIC mail access from LAN PC and Dynamic payment QR code for tax invoices to customer under green initiative have been launched.

Documents viz. Key Result Areas 2022-23, Handbook on Engineering & Electrical Quality Standards, Comprehensive Lessons Learnt Book for Ship Repair Complex (SRC) projects, HR Bulletin & Handbook for new officers have been released.

'C-8' Block in HSL residential colony which

has been renovated for allotment to officers of HSL has been inaugurated for the welfare of Employees.



Garlanding the Bust of Seth Walchand Hirachand, Founder of HSL.



Inauguration of Submarine Pump Test Bed Facility in HSL.



Release of Book titled '200 Ships & Beyond'.



Release of Lessons learnt Book for SRC projects.



Release of email IDs & NIC mail services to all Officers.



Existing Bunker.



Inauguration of C Type Quarters in HSL Residential Colony for Officers.



Proposed 3D view of Historical Museum.

Conversion of World War II Bunker inside HSL to Historical Museum

Vizag has always been a significant location on the country's defence map due to its strategic importance. Dating back to ancient times, it was especially important during the British rule as it served as a supply and transit centre for Burma, which the Japanese were well aware of. During World War II, the city was bombarded by the Japanese on Apr 6, 1942. The new harbor, the new Scindia Shipyard (later renamed as Hindustan Shipyard Ltd), the powerhouse and the steamers in Port were the main targets of the raid. Britishers built four bunkers in Scindia Shipyard between 1938 and 1941 to protect the coast from a probable Japanese invasion.

As the nation celebrates Azadi Ka Amrit Mahotsav to commemorate 75 years of India's Independence, one of the bunkers adjacent to the administrative building inside the Shipyard is being transformed into a historical Museum. It is planned to inaugurate the Museum as a part of 76th Independence Day Celebrations.

'HarGharTiranga' Programme

'HarGharTiranga' is a campaign under the aegis of Azadi Ka Amrit Mahotsav to encourage people to bring the Tiranga home and to hoist it to mark the 75th year of India's independence. The idea behind the initiative is to invoke the feeling of patriotism in the hearts of the people and to promote awareness

about the Indian National Flag.

HSL has planned to hoist 272 National Flags inside the shipyard and township as part of 'Har Ghar Tiranga' programme during the Independence week from 11-17 Aug 2022. The flags are being procured from GeM portal. It is planned to make videos and photography of the flag hoisting event inside the shipyard and township.

Competitions for Students of Schools & Colleges

As a part of Azadi Ka Amrit Mahotsav, HSL has planned to conduct an online quiz competition for all employees and offline quiz competition for students of Hindustan Shipyard Degree College & Gandhigram Vidhya Nilayam School on 30 Jul 22. The winners of the competitions will be presented gifts on 15 Aug 22 during 76th Independence Day Celebrations.

HSL Commitments for India@75

In line with the Govt of India initiative to commemorate 'India@75' till 15 Aug 2023, HSL has planned 75 events with committed timelines. These activities will boost productivity, reduce time, improve quality, bring efficiency, enhance self-reliance, boost Skill India & Digital India.

Concurrent Floating of Indigenously Built Diving Support Vessels in Aug 2022

2 Nos Diving Support Vessels (DSVs) are being constructed at HSL for Indian Navy. On the special occasion of the nation celebrating 'Azadi Ka Amrit Mahotsav', it is planned to float out both the Vessels concurrently in Aug 22 from the Building Dock of HSL and dedicate them to the nation. ■

IREDA

celebrates Azadi Ka Amrit Mahotsav



Pradip Kumar Das
CMD, IREDA

Indian Renewable Energy and Development Agency Ltd. (IREDA), a PSU under Ministry of New & Renewable Energy (MNRE), has been organising a series of events under the clarion call of Azadi ka Amrit Mahotsav (AKAM) by the Hon'ble Prime Minister, Shri Narendra Modi to commemorate the 75th anniversary of India's Independence. Azadi Ka Amrit Mahotsav celebrations were inaugurated by the Hon'ble Prime Minister in March 2021 which marked a 75-week countdown to the 75th Anniversary of our independence in August 2022 and to continue a year thereafter until August 2023.

IREDA kick-started the celebration of 'Azadi Ka Amrit Mahotsav' on 13th August, 2021. As a part of 75 years of India's Independence celebration, National Anthem was sung by IREDA employees with great patriotic fervor and enthusiasm.

The 'Amrit Mahotsav' is an initiative of the Government of India dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential

to enable Prime Minister Modi's vision of activating India 2.0, fuelled by the spirit of Aatmanirbhar Bharat. Azadi Ka Amrit Mahotsav is an embodiment of all that is progressive about India's socio-cultural, political, and economic identity.

Embarking on the path of celebrations, IREDA organised various activities/events on 13th August 2021 based on a patriotic theme, viz. playing of short film; quiz competition, and Antakshari, which were attended by IREDANs with full enthusiasm and zeal. The prize winners in the quiz competitions were appreciated with mementoes. Independence Day decorations were done in IREDA office(s) in delightful tricolour theme. IREDA Corporate office building was also illuminated in tricolour ahead of 75 years of India's Independence on August 15.

Speaking on this occasion, Shri Pradip Kumar Das, Chairman & Managing Director (CMD), Indian Renewable Energy Development Agency Limited (IREDA) has expressed, "Our forefathers have contributed a lot to the nation, not only for independence but also for the overall development of India,



IREDA kick-started the celebration of 'Azadi Ka Amrit Mahotsav' on 13th August 2021 by rendering the National Anthem.

from independence till date." What we are today is because of the hard work and sacrifices of our predecessors. The sacrifices of our forefathers and predecessors should spur the citizens to envision an India in 2047, when India will complete 100 years of Independence."

IREDA participated in the "AKAM Mega Event" at Gandhinagar, Gujarat

Exhibition on 'Nation Building and CPSEs': Shri Pradip Kumar Das, Chairman & Managing Director (CMD), IREDA, in the presence of Shri Chintan Shah, Director (Technical), and other officials inaugurated the IREDA pavilion at the exhibition on "Nation Building and CPSEs" on June 9th, 2022 at Gandhinagar, Gujarat. IREDA has showcased its various financial products, schemes, and contributions towards the development of the RE sector in the country under the theme of 'Aatmanirbhar Bharat'. It was a unique opportunity for IREDA, along with the other 74 CPSEs, to showcase their contributions and development of the country. IREDA has received a good response from visitors at its pavilion. Many senior officials from other CPSEs have also visited the IREDA pavilion. The visitors were given information on the renewable energy sector and their queries were answered.



Shri Pradip Kumar Das, CMD, IREDA, Ms. Suman Sharma, MD, SECI and official of DPE at IREDA pavilion at the exhibition on "Nation Building and CPSEs" on June 9th, 2022 at Gandhinagar, Gujarat.

Roundtable of CEOs of CPSEs on the 'Role of CPSEs for a Self-Reliant India': CMD and Director (Technical), IREDA, along with CMDs, MDs, and Directors of other CPSEs, have participated in the Roundtable of CEOs of CPSEs on the 'Role of CPSEs for a Self-Reliant India'. The discussion centred on increasing professionalism and competitiveness while also focusing on their core competency.

An interactive session on "Sharing of CSR Intervention in Health, Nutrition, & Education": CMD, IREDA as a speaker, has also participated in the session on "Sharing of CSR Intervention in Health, Nutrition, & Education" organised by DPE on June 10th, 2022. Addressing the officials from various CPSEs, he highlighted the CSR initiatives undertaken by IREDA. He also highlighted one of the CSR initiatives of IREDA, "Therapy on Wheels", which has been recognised by the "Zero Project" award by the Austrian ESSL Foundation. The Zero Project is an initiative of the Austrian ESSL Foundation focusing on the rights of people with disabilities globally. The Zero Project's approach aims to identify, curate, and share inclusive solutions, as intended, and encouraged by Article 32 of the United Nations (UN) Convention on the Rights of Persons with Disabilities (CRPD). "Therapy on Wheels" is a mobile therapy-centre-on-wheels, a well-equipped therapy setup that provides physiotherapy, occupational therapy, and speech therapy to children with disabilities. The project was launched in November 2020.

Tree Plantation Drive

The Hon'ble Prime Minister, Shri Narendra Modi has inaugurated the 'Iconic Week Celebrations' of the Ministry of Finance and Ministry of Corporate Affairs on 6th June, 2022. The Department of Public Enterprises (DPE), under Ministry of Finance, as part of the 'Azadi Ka Amrit Mahotsav' (AKAM) has celebrated their "iconic week" from June 6th to June 12th, 2022. IREDA has commemorated "Azadi Ka Amrit Mahotsav" (AKAM) celebration in 2022 with 102 tree saplings plantation drive at various places as part of the DPE's Iconic week under AKAM celebration.



Sapling Plantation by Shri Pradip Kumar Das, CMD and Shri Chintan Shah, Director (Technical), IREDA at company-financed 15 MW Waste to Energy Plant at Visakhapatnam, Andhra Pradesh on 23rd April 2022.



Sapling plantation at IREDA's 50MW Solar PV project at Kasargod, Kerala on 12th June, 2022.

IREDA has reaffirmed its commitment to the environment and increased awareness for keeping a clean environment through a tree sapling plantation drive.

Health camps for Eye check-up

IREDA, under the aegis of 'Azadi Ka Amrit Mahotsav', has organized free health camps for eye check-up of its employees at Dr. Pattnaik's Laser Eye Institute, New Delhi.

Guwahati Half Marathon 2022

IREDA under the aegis of 'Azadi Ka Amrit Mahotsav' has sponsored "Guwahati Half Marathon 2022", a running event organised to promote a better social and human interaction amongst the residents in and around Guwahati. It was organised by IIT Guwahati on 24th of April 2022. The half marathon witnessed the participation of over 1500 people from different walks of life to come and spread their cognisance and sense of concern for a better society.

The half marathon was started with the professional marathon of 21 km run in the morning at ABITA Stadium Guwahati, Assam. This was followed by the 6 km run for the general public.



IREDA under the aegis of 'Azadi Ka Amrit Mahotsav' has sponsored "Guwahati Half Marathon 2022".



"Guwahati Half Marathon 2022" has witnessed the participation of over 1500 people.

Celebration of International Women's Day

Under the "Azadi ka Amrit Mahotsav" IREDA has celebrated International Women's Day on 8th March 2022, with the felicitation of female employees and a dedication to encouraging women's leadership in all work areas. Extending his warmest wishes to all female employees, Shri Pradip Kumar Das, CMD, IREDA, underlined, "To support the women workforce, IREDA adheres to several policies like Child Care Leave and Maternity Leave etc. The company also provides exclusive facilities to the female employees, like weekly consultations with a reputed Gynaecologist (part-time) and daily yoga sessions by the lady yoga teacher. Further, IREDA is committed to achieving gender equality in leadership roles across the organisation and boosting the percentage of women employees in the company, which currently stands at 24%." Shri Chintan Shah, Director (Technical), Mrs. Manisha Saxena, CVO, IREDA, and other senior officials also took part in the event. IREDA is also having a committee for 'Women in Public Sector Cell (WIPS)' and an Internal complaint committee for 'Prevention of Sexual Harassment of Women at Workplace'.

Interactive sessions on "India@75: Financial Freedom for Women", "India @75: Freedom from Medicines" and "India@75: Break the Bias"

As a part of the celebration, IREDA organised an interactive session addressed by Ms. Praveen Mahajan (IRS, 1976 batch), former Chairperson of the Central Board of Indirect Taxes and Customs (CBITC). She is the first woman to head CBITC and the first woman President of the All-India Tennis



Celebration of International Women's Day under the aegis of 'Azadi Ka Amrit Mahotsav'.

Association (AITA). Ms. Mahajan shared her experiences and insights with female employees of the company. Shri Rahul Chandaliya, Founder, Ratni Finance, interacted with the participants on "India@75: Financial Freedom for Women". Dr. Ritu & Dr. Arti from Saksham Social Welfare Society addressed the ladies on "India @75: Freedom from Medicines". Mrs. Manisha Saxena, CVO, IREDA, also encouraged female employees through motivational talk. The event, which was in continuation of the celebration of "Azadi ka Amrit Mahotsav", witnessed enthusiastic participation from the female employees. The programme ended with a cultural extravaganza "India@75: How's the Josh" by the female employees.



IREDA organised an interactive session addressed by Ms. Praveen Mahajan (IRS, 1976 batch), former Chairperson of the Central Board of Indirect Taxes and Customs (CBITC). She is the first woman to head CBITC and the first woman President of the All-India Tennis Association (AITA).

Hindi Book Exhibition at August Kranti Bhawan, New Delhi

IREDA has organised a 'Hindi Book Exhibition' at August Kranti Bhawan, Bhikaji Cama Place, New Delhi, as part of 'Azadi Ka Amrit Mahotsav' on 24th February 2022. The exhibition was inaugurated by Shri Pradip Kumar Das, CMD, IREDA in the presence of Director (Technical), Mr. Chintan

Shah, CVO, Smt. Manisha Saxena and other senior officers. Shri Kumar Pal Sharma, Deputy Director (Implementation), Department of Official Language, was also present on the occasion. In his address, the CMD IREDA reiterated the speech of the respected Prime Minister, Shri Narendra Modi, "Azadi ka Amrit Mahotsav means elixir of energy of independence; elixir of inspirations of the warriors of freedom struggle; elixir of new ideas and pledges; and elixir of Atmanirbhar Bharat. Therefore, this Mahotsav is a festival of awakening of the nation; a festival of fulfilling the dream of good governance; and a festival of global peace and development." Shri Das further said, "We should remember the sacrifices of the martyrs in the attainment of India's independence." He added that developing practice of reading of books by all officials would improve their performance and overall happiness.



Shri Pradip Kumar Das, CMD, IREDA has inaugurated 'Hindi Book Exhibition'.

Along with showcasing the stories of liberation warriors and the works and biographies of prominent writers, the exhibition also includes books from various publishers. The exhibition was attended by IREDA employees as well as officers from other departments at August Kranti Bhawan. ■

IRCTC

initiatives for Azadi Ka Amrit Mahotsav



Rajni Hasija
CMD, IRCTC

Government of India has begun work on a blueprint for India@2047- a vision plan for a 'future-ready India' that befits the 100th year of Indian Independence. To commemorate the 100th year of independence, the Central government has started work on a vision plan for a 'future-ready India'. Key areas identified for Prime Minister Shri Narendra Modi's vision of India 2.0 are agriculture, commerce, infrastructure, industry, urban landscape, security & defence, technology and governance. Other Sectors which have been identified and related to IRCTC are Food Processing, IT & BPM, Railways, Retail, E-commerce & Tourism.

Initiatives taken by IRCTC in the identified / related sectors & others are as under:

Food Processing: IRCTC is in the business of Packaged Drinking Water under the brand "Rail Neer". It has 16 operational Rail Neer Plants with daily capacity of producing 15.80 lakh ltr. Four more Railneer Plants are coming up shortly. IRCTC's Railneer PDW is cheapest but best amongst its competitors which cost Rs.15/L. From 01 Railneer plant in 2010 to 16 operational Railneer plants in 2022.

IT & BPM: IRCTC is the only authorized entity Indian Railways for online railway ticket booking & Catering Services for Railway Passengers. www.irctc.co.in is the most visited site in entire South East Asia. IRCTC has achieved milestone in Internet Ticketing segment with more than 12 lakh reservation tickets booked per day through IRCTC website & mobile app. & on a single day 15 lakh tickets were also booked. It has eased the life of common passengers, who can book their travel ticket at the click of the button from anywhere & anytime. Airline bookings, Hotel Booking, Railway retiring rooms, Cruise Booking, Bus Booking, etc. are also being provided through IRCTC website and mobile app. Meal booking through e-catering has provided to the passengers as value addition. IRCTC is a complete transport booking solution having ticket booking of Train, Airlines, Cruise, Roadways, etc.

Railways: IRCTC provided on-board catering services inside all trains across Indian Railway network. Catering on static units like Jan Ahaars, Food Plaza, Food Court, Refreshment Rooms, etc. is also done. Catering in Gatimaan, Tejas & Vande Bharat train has redefined the safe and hygienic food service standards. Tejas

Train enjoys the status being first Corporate Train of Our Country.

Retail & e-Commerce: IRCTC has launched its own payment gateway "i-pay" which is being used to book tickets and has crossed more than one lakh transactions everyday from this platform.

Tourism: India is a country with a kaleidoscope of traditions, culture and vibrant geographies. IRCTC offers hospitality services in the field of tourism had provide Rail Tour Packages, Domestic Air Packages, International Air Packages, AC-Deluxe Tourist train running on various Tourist Circuits like Buddhist Circuit, Shri Ramayana Yatra Circuit, Divya Kashi Yatra.

Few journeys have been taken to North East frontiers of the country and Char Dham too. IRCTC has a fillip of Golden Chariot, Maharaja Express Trains too. Maharajas Express may be said to be epitome of train travel luxury which attracts tourist from the entire globe.

Executive lounges & POD hotels are the new concept which IRCTC has taken to upgrade the level of travel services to the tourist. Hospitality services in the Railway Premises went up to a new dimensions with the setup of Executive Lounges at Railway

stations of New Delhi, Agra, Jaipur, Ahmadabad, Varanasi, etc. IRCTC is the First Company to introduce POD hotel concept in India at Mumbai-Central.

Bharat Gaurav is the new initiative which has been taken by IRCTC to cater to Middle segment of passengers in comfort category. Rural, adventure, medical, pilgrimage, film and sustainable tourism are new trends in Indian tourism. IRCTC has launched Bharat Gaurav Train with a vision to promote Indo-Nepal Tourism. The tourists will on a tourist journey of more than 8000 Kms. Covering two countries, eight States and more than 12 cities over Shri Ramayana Yatra Circuit for 17/18 N/D. This will attract tourists all across the globe to watch country's rich social & cultural heritage.

Tourist train to North East has provided a much needed tourism growth in North Eastern part of India.

IRCTC has introduced travel through bikes in North east and Leh-ladakh and also initiated Air-travel in the region. Char-dham Yatra, Divya Kashi Yatra and Shri Ramayana Yatra have redefined Pilgrimage tourism. We have organised special tours for film celebrities' for promotional activities. To promote pilgrimage tourism started the Concept of theme based tourism and has operated many theme based trains in budget segment like Jyotirlinga, Dakshin Darshan, etc.

Also refurbishments of Retiring Rooms were undertaken. Hotels are being developed at Lucknow, Kevadia & Khajuraho.

Catering: Development of Pantry Car: - Railway Catering

through IRCTC has gained significant improvement. From primitive non-AC Pantry with LPG, Indian Railway now has modern AC pantry cars with electric burners. Introduction of Food on Call at train seat to travelling passengers on train through e-catering. IRCTC introduced Tejas trains (Country's first corporate train) with world class amenities. This is the first ever train in India which compensates passenger in case of late running. Initiative of Live streaming of IRCTC's Base Kitchens & Cell Kitchen through QR Code embedded on food packets being served to the passengers to ensure Food Safety & Hygiene.

Plant Saplings: IRCTC has planted more than 1000 saplings at its Railneer plants and zonal/regional offices across India. Staff and officials were encouraged to plant saplings within their vicinity and surroundings of their residences too. This is expected to inculcate a sense of responsibility and sensitivity among our officials as well as educate and inculcate good habits in them. This will play a large role in making our environment safe and future ready for our generations to come.

Yoga & Meditation: International Yoga week was celebrated by organising three days of yoga sessions. Yoga & Meditation was promoted among all IRCTC employees. Perform mega Yoga Practice –“yoga at workplace” in our all Zonal branches with all staff. It will ensure creating our people social responsible and make environment healthy. A healthy mind with healthy physique make overall environment healthy & congenial.

Pledge: We took oath and pledge

for our better nation building under AKAM programs, As Pledge to finish terrorism, Pledge to contribute in our nation building, Pledge to Yoga for everyday etc.

AKAM Logo: IRCTC had printed logo of AKAM on its Railneer bottle so as to promote celebration of AKAM by creating awareness about various activities of our government amongst masses.

Corporate Social Responsibility: Corporate sustainability has become a buzzword in big and small companies. IRCTC as a key priority moving forward with aim to do business with Sustainable development and the core aim of IRCTC is to work on all three pillars of sustainable development - social and environmental and Operational sustainability. Social sustainability aims to preserve social capital by investing and creating services that constitute the framework of our society. Environmental sustainability aims to improve human welfare through the protection of natural capital (e.g. land, air, water, minerals etc.). Economic sustainability aims to maintain the capital intact. If social sustainability focuses on improving social equality, economic sustainability aims to improve the standard of living.

IRCTC has already allotted budget of 2% of the net profit of the last three year under CSR. During the FY 2021-22, IRCTC has taken up several projects to meet its commitment towards its society. IRCTC has spent Rs. 9.90 crore (in FY 2021-22) through CSR and the organizations serve the interests of society by taking responsibility for the impact of their activities on communities and the environment. The thrust of CSR in IRCTC is on inclusive growth,

sustainable development and capacity building with due attention to the socio-economic needs of the neglected and marginalized sections of the society.

IRCTC strives to enrich the lives of underprivileged people by creating social capital across our CSR focus areas of education, health-care, skill development, women empowerment, environment protection, etc. through IRCTC CSR Initiatives.

Recently IRCTC in collaboration with IIT/Mumbai doing R&D on new packaging and recycling solution to help us reduce packaging, switch to more sustainable materials and help customers to reuse and recycle.

IRCTC actively collaborating with partners, suppliers and vendors motivates further quality and encourages them to strive for excellence and sustainability in their products, service levels, and operations.

In addition IRCTC contribute an amount of Rs. 7.3 crore approx toward Swachh Bharat Kosh for Environment sustainability initiatives in last three year.

IRCTC took initiative to reach the remote areas in Education by renovating various government school facilities and assist in improving IT facilities, science labs, provision for the supply of equipment and stationeries. Currently a two project of Govt. school revamp in Turtuk District of Leh is under progress. To encourage and facilitate the education of meritorious students from marginalized sections of society through scholarships.

As a responsible organization, IRCTC contribute an amount of Rs. 23 crore approx toward PM-Care for COVID-related initiatives to the public in last three year and supplied Community Meals during COVID-19 to health care worker and needy @ cost of

Rs. 2 crore approx. A self sustained popular company with resilient business model providing customer centric services.

IRCTC has achieved a lot from "AKAM" Mega Event held at Gandhinagar, Gujarat from 9th to 12th June, 2022. IRCTC was able to showcase its products & services to the CPSUs & general public. Exhibition act as common platform for all CPSUs to provide scope of networking for gaining potential customers. A great level of coordination was achieved amongst all CPSUs. It provided a good opportunity for business augmentation & exchange of ideas. Various areas were identified for future collaborations for business growth. Knowledge about latest trends being adopted/ followed by several CPSUs. It does help in promoting Goodwill of the company. It also helps in professional upgradation of knowledge with competitiveness too. ■

IRFC celebrates Azadi Ka Amrit Mahotsav



Amitabh Banerjee
CMD, IRFC



IRFC Stall at Exhibition during AKAM Mega Show at Mahatma Mandir, Gandhinagar, Gujarat.

Indian Railway Finance Corporation (IRFC) is a Schedule-'A' Miniratna Central Public Sector Enterprise (CPSE) under the administrative control of the Ministry of Railways. It is the dedicated market borrowing arm of Indian Railways and the objective of the company is to meet the 'Extra Budgetary Resources' requirement of Indian Railways.

Over the last three decades of the company's existence, it has played a significant role in supporting the capacity enhancement of Indian Railways by financing a notable proportion of its annual plan outlay. IRFC acts as a propeller in playing its role in nation building by supporting the ever-growing developmental requirement of Indian Railways, by raising funds at the most competitive

rates from the financial markets, spread across the domestic and the offshore segments.

As the whole nation is submerged in the colours of 'Azadi Ka Amrit Mahotsav' celebrating its glorious history, IRFC takes pride in being a partner in the growth story of Indian Railways and the nation. IRFC considers it an opportunity and a responsibility to add its own colours and flavour to this national festival.

As part of Azadi Ka Amrit Mahotsav celebrations, IRFC participated in the DPE AKAM Mega Show held at Mahatma Mandir in Gandhinagar, Gujarat from June 9 to June 12, 2022.

IRFC put up a stall at the exhibition depicting its contribution in the nation building over the last 36 years of its existence.

Through this exhibition, IRFC tried to explain the role played by the company in the making of an Aatmanirbhar Bharat and charted out the journey through these years highlighting various milestones of the company.

The exhibition provided a common platform to 75 Central Public Sector Enterprises participating in the exhibition to exchange their ideas, expertise and skills with each other in the relevant fields. Since, IRFC is a financial organisation, this exhibition gave us a much-needed opportunity to showcase our products, achievements and explore new collaborations/consortium with companies in the same ecosystem to fund infrastructure growth of the country.

The interactive stall of IRFC also gave an opportunity to the



CMD, IRFC, Shri Amitabh Banerjee addressing media during the curtain raiser press conference at Circuit House, Gandhinagar, Gujarat.



CMD, IRFC, Shri Amitabh Banerjee presenting the Vote of Thanks during the AKAM Mega Show at Mahatma mandir, Gandhinagar, Gujarat.

visitors to know more about the company and its contribution in making India self-reliant.

Chairman and Managing Director, IRFC and Chairman, SCOPE AKAM Committee Mr. Amitabh Banerjee also participated in the CEOs' Roundtable meeting with the Hon'ble Finance Minister Mrs. Nirmala Sitharaman during the AKAM Mega Show. During the roundtable, CMD informed about the role played by IRFC in the making of Aatmanirbhar Bharat.

IRFC also participated in various

workshops, conducted during the event, giving an opportunity to the representatives of different CPSEs to learn from their peers and work in tandem for the overall growth of the public sector.

During the iconic week celebrations, IRFC also carried out a plantation drive at its office premises with a pledge to properly nurture the saplings till they grow into full-fledged trees.

Being true to its resolve of contributing to nation-building and realising the Hon'ble Prime Minister's

dream of Aatmanirbhar Bharat, IRFC is in the process of expanding its operational boundaries and a promising future that will only become better and brighter with each passing year. The company is working towards becoming a global railway infrastructure financing organization for railway projects.

As part of India@75 celebrations, IRFC will take up a slew of activities encompassing the length and breadth of the country to make Azadi Ka Amrit Mahotsav celebrations, a grand success.



CMD, IRFC, Shri Amitabh Banerjee with IRFC staff during a plantation drive at IRFC office premises as part of Azadi Ka Amrit Mahotsav Celebrations.

Celebrations of Azadi Ka Amrit Mahotsav by Mazagon Dock Shipbuilders Limited



VAdm Narayan Prasad, AVSM, NM, IN (Retd.)
CMD, MDL

Mazagon Dock Shipbuilders Limited is the oldest shipyard in India with inception in 1774, incorporated in 1934, and taken over by the Government of India in 1960. MDL is the only shipyard in India to have built Destroyers and two different types of Submarines for the Indian Navy with its facilities located in Mumbai and Nhava and thus MDL is also one of the unique shipyards in the world with such diverse range of products. From the time it was taken over by the Government of India in 1960, MDL has built 799 vessels, including 26 capital warships and 6 conventional submarines. MDL has the capacity to build warships, submarines, merchant ships up to 40,000 DWT.

To keep up with changing times, Mazagon Dock has modernized its facilities to undertake modular construction by investing in a 300 tonnes Goliath crane, Module Shop with a retractable roof, a second wet basin, a Training Centre and a Submarine Assembly Workshop for a second line of submarines.

With the enhanced infrastructure, now, MDL has the capacity to

simultaneously construct 10 warships and 11 submarines.

Azadi Ka Amrit Mahotsav (AKAM)

AKAM is an initiative to commemorate 75 years of independent India. It celebrates the glorious history of its people, culture, and achievements. It is an embodiment of all that we are proud of about India's socio-cultural, political, and economic identity.

Recently, under the Azadi Ka Amrit Mahotsav (AKAM), Department of Public Enterprises organised an exhibition on Contribution of CPSE's in Nation Building Since Independence – Showcasing their first – in – the country / services.

AKAM – 2022 Exhibition was scheduled from 9-12 June'22 at Mahatma Mandir Convention & Exhibition Centre Gandhinagar, Gujarat and was inaugurated by Hon'ble Finance Minister Smt. Nirmala Sitharaman. In all, 75 CPSEs participated in the exhibition.

MDL too participated and set up a stall. In the stall, all the prominent achievements of MDL in building the nations Naval Defence were

showcased and also efforts made to highlight the initiatives undertaken in:

- Indigenisation – Aatmanirbhar Bharat
- R & D Activities
- Modernization of the Yard
- MDL product portfolio

In all, it was one-of-a kind initiative undertaken by DPE to bring all the major CPSEs together on board and connecting them with the thread of AKAM celebrations.

Previously, under the aegis of AKAM, all the DPSUs, DGQA and DGAQA were requested to open its public sites at 75 locations and curated museums at 07 places from 13 Dec to 19 Dec 2021 for public. Therefore, following the directives, MDL too, had opened its Heritage Gallery 'Dharohar' along with the Heritage Walk for public exhibition which registered an overwhelming response from the visitors.

The Heritage Gallery- 'Dharohar'

The MDL's Heritage Gallery – Dharohar was inaugurated by Hon'ble Raksha Mantri

Shri Rajnath Singh on 28 Sept '19 showcasing the rich history of MDL from 1774 till date. It also encapsulates the maritime history of India and portrays the development of Mumbai from its initial days of cluster of 07 islands to the current city of Mumbai. The gallery setup in 2015, upgraded and renovated in 2019 also has a section on family history of the 'Wadias' the master builders of the Bombay Dockyard, who have built notable ships like the HMS Minden, HMS Cornwallis and HMS Trincomalee. Cut section of a sail ship and a scaled model of HMS Minden- (the ship on which the national anthem of USA was penned down-) displayed in the MDL Dharohar gallery showcases the unique and special craftsmanship of MDL workmen.

The gallery also depicts the history of the Company under the ownership of Peninsular & Oriental Steam Navigation Company and British India Steam Navigation Company. The technology advancement has also been captured in the information on marine propulsion systems which are in the center of the gallery. The aesthetic display of ship and submarine models shows the entire portfolio of MDL's products, post its nationalization.

The experience center showcases the evolution of shipbuilding in Mumbai from initial efforts of making sail ships to the most complex submarines and also MDL's vision for the future in the era of Artificial Intelligence and Industry 4.0.

Vision of Make in India/ Aatma Nirbhar Bharat

In line with the broader vision of 'Make in India' and 'Aatma Nirbhar Bharat' by Government of India, Mazagon Dock has set-up a dedicated Department of Indigenisation in Oct 2015 to boost and strengthen the indigenisation effort and to provide focused impetus to the Hon'ble Prime Minister's vision of self-reliant India in Defence sector.

Indigenous warship building has been a distinct success story in MDL's attempt to be self-reliant in Defence. Today MDL is building Destroyers, Frigates, Corvettes and strategic submarines. Indigenous content has steadily increased in these construction programs and presently it is pegged at 72-75%. More can be done in this direction by a collaborative approach amongst all stakeholders.

MDL has indigenised 20 items/equipment, which if procured

from indigenised sources would result in considerable savings in Foreign Currency. Currently indigenisation of 09 major items/equipment through Indian Industries is in progress. Out of 09 items, 02 items are being indigenised under MAKE II process.

Vision Ahead

Indigenous defence production is the key to achieving the country's aim to become a USD 5 trillion economy. Government is striving to achieve the goal by implementing key flagship programmes like Aatma Nirbhar Bharat.

To spell out MDL's futuristic prospects, MDL has been short-listed as one of the partners for Project-75(I) – Construction of 6 Nos. conventional Submarines fitted with AIP and Lithium Ion batteries. The project is currently at RFP stage. MDL is also a strong contender for six in Nos Next Generation Destroyer which is pegged at Rs. 50000 Cr.

Further, on the export front, MDL has in the past exported 243 vessels to various international clients. MDL has approached potential clients in friendly countries for MDL designed ship for export market and has been carrying out promotional activities in various geographical locations. ■

MRPL joins CPSE Fraternity in purposeful celebration of Azadi Ka Amrit Mahotsav



M. Venkatesh
MD, MRPL

Mangalore Refinery and Petrochemicals Limited has celebrated 75 Years of Independence "Azadi Ka Amrit Mahotsav" with the series of activities. While MRPL enthusiastically joined hands with other Oil and Gas PSU's to execute and promote initiatives of MoPNG under the banner of AKAM, the organization also actively participated in various initiatives and drives promoted by DPE of the Finance Ministry.

MRPL started its "Azadi Ka Amrit Mahotsav" celebration with a seminar called "Striving for a Sustainable Tomorrow with Green Fuels." The seminar was attended by members from industry and academia apart from a large number of enthusiastic students. Led by Shri Tarun Kapoor Secretary MoPNG many officials from MoPNG and leaders from the Oil and Gas fraternity joined the seminar through virtual platform. Speaking on occasion, Shri Tarun Kapoor, Secretary MoPNG, in his introductory speech, explained the significance of the celebration of Azadi Ka Amrit Mahotsav. He stressed the need to ensure the energy security of the nation along with the need to ensure a sustainable future for mankind. Shri M. Venkatesh Managing Director MRPL gave the introductory remarks. The Seminar was moderated by MRPL's Director Refinery

Shri Sanjay Varma, who introduced the topic of sustainability and stressed the need to preserve mother earth for future generations. Panelists during the session on Sustainable Tomorrow with Green Fuels was Dr. Arun M Isloor - Professor & HOD Chemistry Department of NITK. The event was held at St. Aloysius College Mangalore.

Traditional Handloom exhibition for employees as a part of Azadi Ka Amrit Mahotsav celebration was MRPL's another initiative under AKAM. MRPL this year invited two famous local weavers' societies, namely Talipady Primary Weavers Cooperative society and Udupi Handloom Cooperative society to conduct an exhibition and sale of their traditional and woven textiles in the MRPL MERC campus. The event was inaugurated by Ms Pomila Jaspal Director (Finance) who highlighted the importance of supporting local traditions. MRPL employees and colony residents actively participated in this event.



MRPL promotes "Swachh Sagar Surakshith Sagar" by supporting Coastal Clean-up Drive

MRPL joined hands with the Coast Guards on International Coastal Clean-up day. MRPL



supported the events by being sponsors and also by actively participating in the event.



MRPL promoted a Cycle Rally on Rashtriya Ekta Diwas

As a part of Rashtriya Ekta Diwas under the banner of Azadi Ka Amrit Mahotsav MRPL supported CISF Unit MRPL to ensure successful event of Cycle Rally by the cyclists of Central Armed Police Forces (CAPFs). The Cycle Rally is being organized from various places of historical importance across India and is culminating at Kevadiya, Gujarat on 26.10.2021. The event was held on 7.10.2021



MRPL establishes 8 Oxygen Generating Units in record time to meet Oxygen Demand

During the second wave of COVID crisis responding to the clarion call of Hon'ble PM and under the guidance of MoPNG, MRPL had committed to establish 8 Medical grade Oxygen generation plants all across Karnataka. MRPL's parent company ONGC also had established two Oxygen plants in Karnataka. Together these 10 Oxygen Plants are deployed to the service of the state.



- Government Wenlock Hospital, Mangalore
- Govt. Hospital Sirsi 500 Ltr / Min
- Hospital Gokak 500 Ltr/Min
- Govt. Hospital Gangavathi 500L/Min
- District Hospital Haveri Unit A 500 L/min
- District Hospital Haveri Unit B 500 L/min
- Taluk Hospital Kundagol 500 L/min
- District Hospital Kalghatagi 500 L/Min

MRPL promotes impactful celebration of National Science Week -"Vigyan Sarvatra Poojyate"

To celebrate India's 75th year of Independence, the Govt. of India, in association with National Laboratories and Institutions across the country, decided to celebrate a Science and Technology Festival 'Vigyan Sarvatra Poojyate' in 75 centres from Feb 22-28, 2022.

MRPL in association with Pilikula Regional Science Centre got involved in such a mammoth effort at National Level with activities planned over a wide spectrum, like lectures, exhibitions, competitions and culminating with a valedictory on the National Science Day on Feb 28th.

MRPL organizes a conference on "Animal Diversity and Taxonomy"

MRPL has organized Two days National workshop on "Animal Diversity and Taxonomy" in association with Mangalore University, in Mangala Gangothri Campus, Mangalore on Feb 28th & Mar 1st, 2022.

During this workshop more than 12 resource persons and about 160 delegates were participated and fruitful deliberations was held among scientific community regarding animal taxonomy and diversity.

'MRPL promotes A Lecture on The Constitution of India and supports books distribution

MRPL in association with Mangalore City Corporation has organized a programme to commemorate and honour Freedom fighters of Coastal Karnataka and a Talk on the Constitution of India under the banner of 'Azadi Ka Amrithvarsh' on 14.05.2022. And also released books on Constitution of India both in Kannada and English to enlighten people about the true values of our constitution.



MRPL along with Forest Department organizes an art exhibition on the "lives of Wild animals"

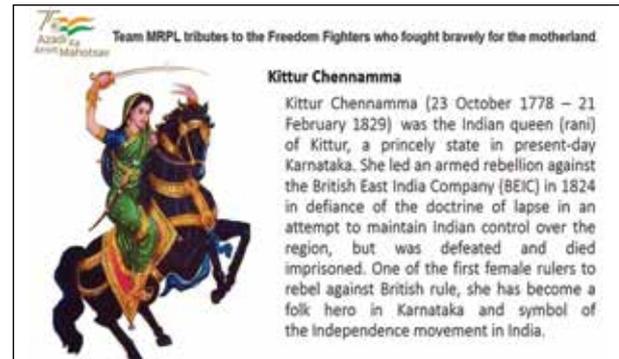
Mangalore Refinery and Petrochemicals Limited (MRPL) in association with Karnataka Forest Department, Mangalore Zone organized an (Art exhibition) Collection of Coffee Paintings of Wildlife and Aquatic animals under Azadi Ka Amrit Mahotsav on the "lives of Wild animals" at Prasad Art Gallery, Mangalore on June 4th 2022.

The exhibition aims to create awareness among the masses about the necessity of preserving our environment. The amount collected from the sale of paintings was given to Sahyadri Sanchaya's "Vanachethana"- providing education to the Tribal children.

MRPL remembers the freedom fighters who fought bravely for the motherland

On the occasion of the 75th Independence Day Celebration (Azadi Ka Amrit Mahotsav), MRPL remembers and spreads Awareness about the Freedom Fighter like Mahatma Gandhiji, Kittur Rani Chennamma, Rani Abbakka, Sangoli Rayanna,

etc. who fought bravely for the motherland. On MRPL's Social Media & Intranet, a Slide show has been created to commemorate all the freedom fighters who have contributed to the freedom of India.



MRPL organized A Skill Development program as part of AKAM

MRPL with the support of Fishermen Association held a Registration Drive and information Workshop about the MRPL's Skill Development programme in Indira Madhav Vidyarathi bhavan at Baikampady on Oct 6th 2021. The officials from NTF & CIPT also briefed the young job aspirants about the Training modules, Job opportunities, and curriculum of the training.



More than 125 male and female candidates with the qualification varying from SSLC, PUC, ITI and Degree participated in the workshop.

MRPL organized a Mega Blood Donation drive as part of AKAM celebration

A mega blood donation drive was organized as part of AKAM Celebration in association with Wenlock Govt. District Hospital, Mangalore.

Dr. Sudhesh Shastri, who has donated blood more than 150 times, inaugurated the event. Mr. Sanjay Varma- D(R) commended the employees for the enthusiastic and meaningful celebration of the AKAM through such a noble gesture. Totally 123 members, including MRPL Employees, family members, secondary workforce and CISF, apart from a few members of the general public, participated in the drive.



Union Minister of Finance & Corporate Affairs Smt. Nirmala Sitharaman & Chief Minister of Gujarat Shri Bhupendra Rajnikant Patel in conversation with Chairperson Dr. Alka Mittal.

MRPL stall was inaugurated by Chairperson, ONGC Dr. Alka Mittal by opening the Pingaara which represents the Tulunadu culture and tradition. Shri M. Venkatesh, Managing Director, Smt. Pomila Jaspal, ONGC Director (Finance), Shri Krishna Hedge, GGM-HR were present on occasion.



MRPL participated in the AKAM Exhibition organized by DPE at Mahatma Mandir, Gandhinagar, from June 9th to 12th

An Exhibition on "Nation Building and CPSEs" was held at Mahatma Mandir Convention & Exhibition Centre, Gandhinagar from 9th to 12th June as part of the Azadi Ka Amrit Mahotsav celebration by DPE (Department of Public Enterprise) Finance Ministry, GoI. Countries leading CPSE organisations (Totally 75 Maharatna, Navaratna and Miniratna companies) showcased their contribution in nation building during the event.



MRPL's pavilion garnered a lot of attention from the attendees at the AKAM Mega Show. The stall depicted MRPL's contribution in various spheres and at the same time highlighted aspects of local culture.



MRPL Pavilion at Exhibition on "Nation Building and CPSEs"

A roundtable on the 'Role of CPSEs for a self-reliant India' also took place on occasion, with the plantation of 75,000 saplings going on from 6th to 12th June across India to commemorate

75 years of Indian Independence. MRPL too joined in this drive by Planting 200 saplings on its premises.

MRPL AKAM SCOPE stall visited by DPE officials, Smt. Vartika Shukla, CMD (EIL), Shri Aravind Kumar, MD (CPCL) and various CPSE's Heads.



MSTC Limited celebrates Azadi Ka Amrit Mahotsav



Surinder Kumar Gupta
CMD, MSTC

India is celebrating its 75th Year of Independence from July 2021 to August 2022 under the Government of India supported programme of Azadi Ka Amrit Mahotsav (AKAM).

MSTC is participating in this Azadi Ka Amrit Mahotsav by conducting the following programs from April, 2021 onwards:

Essay Competition among all MSTC's employees on "Steel Usage in Post Independence India".

Quiz competition among all MSTC's employees on "Quotes from Freedom Fighters".

Webinar on "India's Freedom Movement" with participation of all MSTC's employees.

Logo of Azadi Ka Amrit Mahotsav has been uploaded and displayed at MSTC's website www.mstcindia.co.in.

Rendering of national Anthem by all employees of MSTC at <https://rashtragaan.in/> on 13th August, 2021.

MSTC made wide publicity (August to September, 2021) of its digital transformation to moving away with Digital India.

Typing competition among all MSTC's employees on Quotes of Freedom Fighters.

The grand celebration towards the AKAM initiated by inauguration of its New Corporate Building,

which is smart and steel intensive modern building, at New Town, Kolkata on 26th August, 2021. The building was inaugurated by the then Hon'ble Steel Minister, Shri R. C. P. Singh in presence of Hon'ble Minister of State for Steel, Mr. Faggan Singh Kulaste and other dignitaries from Ministries and CPSEs etc. A chorus by an eminent group was conducted as an inaugural function.

This was followed by befitting Founders Day celebration of the company on 9th September, 2021 at the New Head Quarter premises with participation of all present and ex-employees along with cultural programme by few local eminent artists.

Subsequent activities are enumerated below:

MSTC celebrated "Fit India Freedom Run 2.0" program with all employees at its HQ participating in the same on 1st October, 2021.

Run for Unity as well as walkathon was conducted on 30.10.2021.

Diwali Lighting of the New Corporate Office.

Celebration of Constitution Day and reading of the Preamble at the auditorium of MSTC's Corporate Office.

Awareness activity on Prevention of Single Use Plastic.

In November, 2021 MSTC

conducted plantation drive with "Ispati Irade" at Kolkata.

In the month of December, 2021 MSTC took up Cleanliness Drive at its various offices across the country. Celebrated International Women's Day on 08.03.2022.

Swachhata Pakhwada was conducted throughout the month of March, 2022 while Swachhata Awareness Program was held on 29.03.2022.

MSTC participated in the event -CPSE Conclave 2022 and Exhibition at Mahatma Mandir, Gandhi Nagar from 9th to 12th June, 2022 conducted by SCOPE under Iconic Week of Azadi Ka Amrit Mahotsav (AKAM) of MoFin. MSTC showcased its contribution towards digital India and Nation Building at the exhibition.

MSTC conducted the second plantation drive at MSTC Corporate office where CMD, Directors and Senior officials participated and planted various saplings at its Corporate Office on 10th June, 2022.

Cleanliness activities under Swachhata Pakhwada was held in the Corporate Office, Kolkata in the month of June, 2022.

MSTC celebrated International Yoga Day wherein all employees of MSTC at Kolkata (HQ & ERO) as well as at region and branch offices at different locations of the country participated through

hybrid mode. The program was conducted by professional trainers at the auditorium of MSTC's Corporate Office at Kolkata.

In the month of July, 2022 MSTC participated in the grand Iconic Week Celebration of AKAM under MoS on the theme: Raising Steel Consumption and Moving Towards Circular Economy as a Jan Utsav in the spirit of Jan-Bhagidari through Moving Tableau Exhibition, Painting Competition at Schools, Seminar, Webinar on Moving towards Circular Economy, walkathon, Public Display of Banner etc.

MSTC conducted series of events across more than 18 different locations throughout India at its Corporate, Regional, Branch offices as well as the offices of MSTC's JV, MMRPL (CERO). In total MSTC along with JV conducted various events at 25 different locations in the country.

MSTC had incorporated the following slogans to promote the Iconic Week Celebration:

"Banao Desh Ko Aatmanirbhar, Upsyog Karo Swadeshi Steel: Make in India"

Apna Udyog, Apna Ispat Banay Bharat Aatmanirbhar.: Make in India

Use Swadeshi Steel Save Environment Avoid Plastic: Make in India

Reuse Reduce Recycle: Make in India

Generate Wealth from Waste Promote Recycling: Make in India.

The series of activities undertaken by MSTC and MMRPL are as follows.

Hoardings were displayed at prime location in Kolkata.

Moving Tableau Exhibition was organized which covered 30 Kms

every day at different locations with 10 – 15 minutes of halt at public places.

Banners were displayed at various location in order to create awareness about the iconic week celebration promoting Raising Steel Consumption and Moving towards Circular Economy.

Painting Competitions amongst school children under the topic "Reduction in CO₂ Emission" were held at various government and private schools throughout India by the Head Office / Regional / branch offices of MSTC as well as the JV company. Children actively participated in those events. To motivate the children prizes, color boxes, drawing papers, goodies were distributed to them.

At Kolkata eminent sports personalities graced the event at School as a Special Guest.

Essay competition was also held among the senior students of the school under the topic "Environment and Sustainability".

MSTC's all Offices PAN India organized Walkathon, conducted at various cities during the ICONIC WEEK of Azadi Ka Amrit Mahotsav from 4th – 10th July 2022 with people participation.

Elocution Competition was conducted in all the Regional and Branch offices amongst the employee as well as data entry operators on the topic "Innovation, Peace & Unity".

MSTC organized a webinar on the Topic "Moving towards Circular Economy" which was "covering more than 150 live connections / offices. MMRPL made a presentation on the topic.

MSTC also actively supported and participated in the seminar

arranged by MECON at Ranchi and also gave a presentation to the audiences on the topic "Increasing Steel Consumption: Way to increase in Rural Steel usage and way forward".

In all the automated mails sent by MSTC for auctions slogans, AKAM logo were included.

Coverage of the whole event by MSTC had been prominently made through print as well as social media.

Forthcoming event

MSTC also planned up an event for celebration of the Govt. of India's campaign 'Har Ghar Tiranga' to mark the 75th Independence Day from 13th - 15th August, 2022. The program as scheduled is detailed below:

Hoisting of Indian National Flag at our Corporate Office on 15th Aug, 2022.

Band march past (by children/ youth/club) along with hand flags.

Walkathon with hand flags near office premises.

Hoisting of National Flag by all employees of MSTC at their household across India from 13th to 15th August 2022 to mark 75th Independence Day.

Video of National Flag, animated AKAM logo and Vande Mataram Song to be continuously displayed at HO, Reception area during (13th and 15th Aug, 2022).

Display of the National Flag of India (animated video with downloadable animated AKAM logo) on our websites www.mstc-india.co.in and www.mstcecommerce.com.

Publicity and awareness program through Social Media by way of posting of posters, activities and motivational creatives on media, Twitter etc. ■

NHPC Limited

Nation Building by Developing Hydropower since 1975



A. K. Singh
CMD, NHPC

Our beloved country India is celebrating 75 years of Independence and the glorious history of its people, culture and achievements under 'Azadi Ka Amrit Mahotsav' (AKAM) which was launched by Hon'ble Prime Minister of India, Shri Narendra Modi on 12th March 2021 and will continue till 15th August 2023. The AKAM campaign has seen large scale enthusiastic participation throughout the country. The public sector which has been an integral part of the Nation's growth saga has also been actively participated and organizing various activities/events under AKAM.

Public Sector Enterprises (PSEs) were established by the Government of India to accelerate the process of economic development as well as to achieve certain social objectives. The PSEs hold an important place in the Indian economy and have played key roles in its overall growth and development. PSEs have played a major role in promoting the industrial and economic development of the nation by providing necessary infrastructure and providing essential services. NHPC Limited was established in 1975 under the Companies Act 1956 to fulfill the objective of generating green & clean energy by harnessing the vast hydro, tidal and wind potential of the country. The company has been playing a vital role in the efficient development of hydropower since its inception. NHPC has expanded its portfolio and has diversified into solar and wind power alone. Over the years, NHPC has gained rich and varied experience in construction of hydropower projects from 'Concept to Commissioning' including all aspects as investigation, planning, design, construction, operation and maintenance. At present, NHPC is a Schedule 'A' enterprise of the Government of India with 'Mini Ratna' status with an authorized share capital of Rs. 15,000 crore and total investment base of Rs. 70,300 crore. NHPC is

the premier organization in India for development of hydropower.

NHPC has been actively contributing towards the celebration of Azadi Ka Amrit Mahotsav across all its locations spread across the country. These programmes have witnessed enthusiastic participation from NHPC employees as well as the local people. Jan-bhagidari is the basic premise for activities under AKAM. The local participation has nurtured positive energy helping us meet the desired objectives. The programmes are celebrated with great patriotic fervour and spirit. Activities and events under AKAM help us discover the rich culture of our country; inspiring and motivating the young generation to experience our cultural diversity, understand our rich history, feel our struggles for freedom, cherish our achievements and firm up our resolves for future. Events and activities organized by NHPC showcases its commitment for truly being a part of society in general. The events organized so far are of varied nature but with a common theme of National pride and celebrating the idea of INDIA through educational trips, competitions, awareness campaigns, cultural events, patriotic programmes, sports health and medical initiatives.

NHPC has truly incorporated the spirit of AKAM in all its activities since the launch of the AKAM campaign. The 47th Raising Day of NHPC showcased the rich heritage and unity in diversity of India in the cultural programmes organized on the occasion. I am proud to say that Shri R. K. Singh, Hon'ble Union Minister of Power and New & Renewable Energy, Government of India graced the program at NHPC Corporate Office, Faridabad as the Chief Guest. The Hon'ble Minister appreciated the NHPC family for the achievements in hydropower

development in the last few years and also expressed his confidence that NHPC is on the way to become a 50000 MW company.



Shri R. K. Singh, Hon'ble Cabinet Minister (Power, New & Renewable Energy) and Mr. A. K. Singh, CMD, NHPC during NHPC's 47th Raising Day celebration at its Corporate Office on 07.11.2021 under "Azadi Ka Amrit Mahotsav".

NHPC organized a special event under AKAM on 3rd January 2022 wherein a patriotic play based on the life of eminent freedom fighter, Chandra Shekhar Azad was organized at NHPC Corporate Office by Sanskritik Sangam, Gorakhpur. The staging of the play was a rich homage to the freedom fighters by NHPC.



The play "Krantiveer Azad" based on life of the great Indian freedom fighter, Chandra Shekhar Azad being staged on 03.01.2022.

A Hindi Kavi Sammelan was also organized under AKAM on 24th February 2022, where many celebrated poets from across the country recited their beautiful compositions which brought into light the richness of Hindi language and its role in integrating the country.



CMD, NHPC along with dignitaries, senior NHPC officers and poets during Hindi Kavi Sammelan.

International Women's Day was celebrated under Azadi Ka Amrit Mahotsav with great fervour and enthusiasm at Corporate Office, Faridabad and across its various locations in the country. During the event, 12 female employees were felicitated for their outstanding contribution in various fields.



International Women's Day Celebration at Corporate Office, Faridabad.

To celebrate the season of spring, Vasant Utsav 2022 was organized at Faridabad on 13th March 2022 under AKAM. The underline theme of the utsav was to celebrate spring in a rural setting. In yet another initiative under AKAM, Fit India Freedom Run 2.0, was organized at various NHPC locations. Through this campaign, participants were encouraged to make a resolve to include physical activity of at least 30 minutes daily in their lives: "Fitness Ki Dose Aadha Ghanta Roz".



'Fit India Freedom Run 2.0' at NHPC residential Colony, Faridabad on 15.08.2021.

NHPC organized a massive plantation program under AKAM MEGA SHOW ICONIC WEEK from 6th to 9th June 2022, during the AKAM MEGA SHOW 450 saplings were planted in Baramula, Bandipora, Kishtwar & Reasi districts of UT of J&K with the support of local people, 100 sapling were planted in Leh & Kargil district of UT of Ladakh, 585 saplings were planted in Chamba & Kullu district of Himachal Pradesh, 25 saplings were planted in Chandigarh city of UT of Chandigarh, 75 saplings were planted in Faridabad district of Haryana, 50 saplings were planted in Pitthoragarh district of Uttarakhand, 250 saplings were planted in East, North & South Sikkim districts of Sikkim, 150 saplings were planted in the Kolkata & Darjeeling of West Bengal, 100 saplings were planted in Churachandpur district of Manipur, 615 saplings were planted in Lower Subansiri and Lower Dibang Valley of Assam & Arunachal Pradesh. Total 2400 saplings were planted across different locations in the country under the campaign. The aim of these plantation drives is to combat environmental issues



Plantation programme organized under AKAM MEGA SHOW ICONIC WEEK on 09.06.2022.

like deforestation, soil erosion, global warming and hence ensure the conservation of the environment and its beauty.

NHPC has also participated in the Exhibition "Nation Building and CPSEs" held at Mahatma Mandir Convention and Exhibition Centre, Gandhinagar, Gujarat from 9th to 12th June 2022. The exhibition was inaugurated by Hon'ble Union Minister of Finance & Corporate Affairs, Smt. Nirmala Sitaraman and Hon'ble Chief Minister of Gujarat Shri Bhupendrabhai Patel. During the exhibition, NHPC's entire journey in hydropower development spanning 47 years was highlighted.



Director (Technical) at Inauguration ceremony of Exhibition "Nation Building and CPSEs" held at Mahatma Mandir Convention and Exhibition Centre, Gandhinagar, Gujarat on 09.06.2022.

AKAM has also provided a platform to inspire and motivate young generation for the greater good of the Nation. NHPC has been regularly organizing programmes to educate young minds about hydropower by conducting visits of school children to its power stations. The programme involves local schools situated in the vicinity of the power stations and is being conducted by all NHPC power stations. Detailed information regarding various aspects of power generation is given to the students. So far NHPC has conducted 47 School visits from 1st April 2021 to 14th July, 2022. Such events have been very successful. It has been decided to continue such school visits even after the culmination of AKAM.

NHPC organized 22 medical camps in rural areas of UTs of J&K, Ladakh, Himachal, Arunachal Pradesh, Sikkim, Manipur, Uttarakhand etc., which benefited over thousands of local people including women and senior citizens. Some of these camps were

held in areas having sub-zero temperature with difficult terrains NHPC also organized 17 School level and 18 State Level Painting Competition for raising awareness on Energy Conservation under AKAM. Various NHPC locations organized painting competitions for school children under AKAM during the ICONIC Week to raise awareness about 'Energy Conservation'. Projects and power stations have also taken up activities like, Nukkad Nataks, Drawing, Painting & Debate Competition, Sports Tournament under AKAM.

Public Awareness programmes have also been organised at many NHPC locations. These programs have witnessed healthy participation from local public, including women, senior citizen, village panchayat representatives and school students. Such programmes help in educating the public about the role of hydropower projects in the overall development of the area. The details of programmes conducted and organized by NHPC are uploaded on the website of Ministry of Culture and are given wide publicity on social media platforms like

Twitter, Facebook, Instagram, YouTube and Koo through official handles of NHPC which are actively followed. NHPC has also planned the AKAM activities consisting 13 community participation programme, 8 educational visit of local student to NHPC Power House, 4 public awareness programmes till Aug'2023.

Under the aegis of AKAM, the 'Ujjwala Bharat Ujjwala Bhavishya - Power@2047' campaign is being observed in July 2022. NHPC has showcased the achievements of the power sector in last eight years, in 75 districts in States / UTs of J&K, Sikkim, Arunachal Pradesh, Manipur and Ladakh from 25th July 2022 to 31st July 2022.

NHPC has fully committed to the success of the Government of India's campaign of Azadi Ka Amrit Mahotsav. It is a most ideal campaign of connecting the Indian Citizens with the country's history and culture. NHPC has taken every step possible in making the campaign of Azadi Ka Amrit Mahotsav a grand success.

Jai Hindi !



School children during their visit to NHPC's Kishanganga Power Station, Kargil, Ladakh.

NRL Leading India's Energy Revolution in the North-East



It was a privilege for NRL to be chosen among the 75 premier CPSEs in India to participate in a one-of-a-kind Mega show in Gandhinagar to showcase the contribution of CPSEs to the nation, in commemoration of the 75th year of India's Independence, i.e. Azadi Ka Amrit Mahotsav from 9th June, 2022 to 12th June, 2022 at the state-of-the-art Gandhi Mandir in Gandhinagar. The function was presided over by Hon'ble Chief Minister of Gujarat Shri Bhupendra Bhai Patel and Hon'ble Finance Minister of India Smt. Nirmala Sitharaman in the presence of a galaxy of dignitaries including CMDs, MDs, Directors and senior officials of CPSEs.

The objective of the Exhibition Pavilion was to showcase one of a kind products and services by CPSEs. NRL showcased its Wax Plant adopting indigenous technology, the single largest manufacturing unit of Wax in the country along with Pristene brand of Paraffin Wax and the first upcoming 2G Bio Refinery with bamboo biomass as feedstock evincing a lot of interest and business queries. NRL's Stall at the Mega event drew hundreds of visitors from all walks of life. Overall, the stalls put up by participating CPSEs provided a wide slice of knowledge for fellow CPSEs, the members of the media and the general public on the massive impact that CPSEs have had on India's journey from a young republic in 1947 to the world's fifth largest and fastest growing economy. The CEO Conclave participated by MD NRL, Mr. B. J. Phukan offered a directional road map by the Hon'ble Union Finance Minister that will help in framing the future course of action for the company. NRL officials also got the opportunity to witness and network with peers from other top CPSEs across India.

Overall, NRL's participation in the AKAM Mega Event was an enriching experience and facilitated the exchange of ideas and best practices with other participating CPSEs.



NRL Stall at AKAM Mega Show.

To mark AKAM Mega Show, NRL also organized a massive plantation drive across the Refinery as well as NRL Township. The series of events in which more than 500 saplings were planted drew huge participation from NRL employees, contract workers as well as families and children.

Hon'ble Prime Minister Shri Narendra Modi's vision of India 2.0 is grand in scale and scope, which aims to augment India's position in the comity of nations. Indeed, the Azadi Ka Amrit Mahotsav is a culmination of the aspiration and efforts of Indians since 1947. Being a model public sector undertaking in the North-east region of India, NRL is proud to be a part of that vision.

NRL's short term and long term plans and programs conceived during and before AKAM are expected to contribute meaningfully for 'Nation building' and achieving the Hon'ble PM's vision of India 2.0.



AKAM has reinforced and given a definitive direction to NRL's future road map as a significant contributor to the economic prosperity and wellbeing of the nation.

To give a brief history of the organization, NRL was established on 22nd April, 1993 as a result of the historic Assam Accord signed on 15th August, 1985 with the objective of providing a fillip to the development of the North East Region. The 3 MMTPA Numaligarh Refinery was dedicated to the nation by former Prime Minister of India Shri Atal Bihari Vajpayee on 9th July, 1999 and subsequently commercial production commenced from October 2000.

Since then, NRL has demonstrated 22 years of profitable and credible performance and contributed significantly to the State and Central exchequer in the form of dividend, taxes and duties.

In fact, the returns to NRL promoters have been multiple times than their initial investment. The positive effects of NRL's success have trickled down and touched the lives of lakhs of people. Not only that, it has elevated the general mood of the people of the region, where industry success stories are few and far between.

During the course of its eventful journey, the Company has not only sustained its operations and activities, but has upgraded itself through several value added projects. The implementation of DQUP (Diesel Quality Upgradation Project) and Sulphur Recovery Block has been in alignment to the national and global objective of reducing carbon footprints through clean energy. The addition of Paraffin Wax to NRL's product slate by setting up the single largest Wax manufacturing unit in the country with indigenously developed technology has contributed in majorly meeting the demand of Wax in the country by substituting imports from China.

NRL is now implementing a mega integrated Refinery Expansion project to treble its refining

capacity from 3 to 9 MMTPA with an investment of more than Rs. 28,000 Crore, which also includes setting up of a Crude Oil Import Terminal in Paradip, Odisha and laying of 1630 KM of Pipeline from Paradip to Numaligarh traversing 7 states. This project would open a flood gate opportunities which is expected to transform the socio-economic fabric of the region and the operational areas it touches, upping the development indices many folds.

After completion of this project, not only will NRL be able to meet the fast growing energy demands of the North-East region of India but also export products to neighbouring countries, thereby consolidating India's position as a major player and energy provider in South Asia.

When it comes to Social, Environmental, and Operational sustainability, NRL has adopted a holistic approach for sustainable development in line with the triple bottom line accounting framework incorporating three dimensions of performance: social, environmental and financial, which is also followed in apprising the company's performance in the Annual Report to its valued stakeholders.

Economic use of energy in operations has been the topmost focus area and a priority and the company's relentless pursuit in this direction has led to considerable amount of energy savings and subsequent reduction in carbon footprint. As a manifestation of its efforts, the company has been recently presented with a 'Certificate of Achievement' and awarded for 'Best Energy Efficiency Practices by Refinery' for the PAT (Perform Achieve Trade) Cycle II (2016-19) by BEE and CHT.

Notably, NRL was recognized with a Certificate of Achievement and awarded for 'Best Energy Efficiency Practices by Refinery' for the PAT (Perform Achieve Trade) Cycle II (2016-19) at the Energy Efficiency Awards 2022.

The CSR sector has also been a key focus area for



NRL. The State of Assam is lagging far behind in Human Development Index (HDI) compared to the National average of 0.645. With this as backdrop, NRL has channelized its resources to include more and more beneficiaries in the ambit of its CSR programs especially in the vicinity of its Refinery and in Golaghat district where the Refinery is situated.

NRL has also adopted Darrang District in Assam as an aspirational Dist., where it has taken up key developmental initiatives in primary sectors such as infrastructure, education and livelihood opportunities that would positively impact development parameters and consequently touch the lives of more and more people.

Keeping in mind a rapidly growing Indian economy and a new world order in the making, NRL is also taking bold steps for supporting the country's Aatma Nirbhar goals.

At NRL, we have been at the forefront of increasing India's self-reliance in the petroleum sector through our excellent refinery operations, which are in the process of being trebled in capacity. Hence, it goes without saying that NRL will also be at the forefront of advancing the nation's renewable energy capabilities and Net Zero goals through initiatives such as Green Hydrogen production and conversion of bamboo into Bio-ethanol, which will go a long way in ensuring India's energy security and reducing air pollution.

NRL is setting up the world's first 2G Bamboo to Bio-ethanol Bio Refinery at Numaligarh through its JV, Assam Bio Refinery Pvt. Limited. This project will provide a major boost to the Ethanol Blended Petrol (EBP) Programme of Govt. of India and contribute in achieving India's target of 20% Ethanol blending in MS by 2025-26.

All of this will translate into multiple benefits in terms of enhancing India's energy security, reducing import dependency for India's fuel needs, save

foreign exchange, address environmental issues other than uplifting the rural economy by encouraging farmers the cultivation of bamboo on commercial scale, a giant step towards Aatma Nirbhar Bharat.

NRL's mega refinery expansion project as mentioned above is adopting 2 indigenous technologies in its refinery configuration viz. INDMAX technology by IndianOil in Petro Fluidised Catalysing Cracking (PFCC) Unit and Sulphur Recovery technology by EIL in the Sulphur Recovery Block, another step towards AatmaNirbhar Bharat. The refinery configuration has also been designed to be Petrochemical ready, aligning with the Govt. of India's vision to make the country a Petrochemical hub in the region apart from being Aatma Nirbhar.

With an eye to the future, NRL has a comprehensive long-term vision aligned with the nation's expectations. The present initiatives undertaken by the company are expected to deliver the following results in the coming 5-10 years:

Trebling NRL's Refining capacity from 3 to 9 MMTPA.

Diversifying into value added chemicals and petrochemicals and thereby migrating towards increased share of chemicals and petrochemicals vis-à-vis auto fuels in its product slate.

Drastically cutting down on carbon emissions and progressing towards net zero goals.

Becoming one of the most energy efficient refineries in the country.

Becoming one of India's premier clean energy companies through Green Hydrogen and Biofuel projects.

Establishing a strong hold in neighbouring countries as supplier of petroleum products and an enhanced global presence by exporting Paraffin Wax. ■

POSOCO celebrates Azadi Ka Amrit Mahotsav



S R Narasimhan
CMD, POSOCO

Power System Operation is a mission critical function of national importance for smooth evacuation of power from generating stations and supply to the end consumers in the electricity supply value chain. POSOCO, through its National Load Despatch Centre (NLDC) and five (5) Regional Load Despatch Centres (RLDCs), facilitates the inter-state transmission of power to utilities across India ultimately reaching to over 1.3 billion people.

POSOCO as a National Grid Operator is dedicated towards nation building and has been one of the most active participants in this unique campaign of national pride since the beginning.

Government of India is celebrating 'Azadi Ka Amrit Mahotsav (AKAM)' to commemorate 75 years of independence and the glorious history of its people, culture and achievements.

Community Development our responsibility

Healthcare has been the prime focus and backbone of the country at the time of the COVID crisis. POSOCO did its bit to support the healthcare facility by



donating Hospital Medical equipment's comprises of ICU beds, Fallover Beds, Labour Delivery Beds, Multi para monitors, Baby warmers and OT lights to Govt. Hospital Channagiri, Devanagere District, in Karnataka through SRLDC, POSOCO. Medical waste incinerator was donated to primary health care center Unichetty, Krishnagiri District, Tamil Nadu on 8th September 2021.

Further, Emergency Treatment Room and Exclusive Breast-Feeding Corners have been set up with all the necessary Medical Equipment and other infrastructure at the Govt. Polyclinic, Maternity & Child Welfare Centre and Maternity Home located in

Badarpur, New Delhi.

'Distribution Camp' of assistive devices for the disabled persons was organized through ALIMCO at BDPO Office, Firozpur Jhirka, Nuh (Haryana).

POSOCO's ladies club 'Agrini Mahila Samiti' donated chairs and HD Projector to underprivileged students of NGO 'Choti si Khushi', Dwarka on 25th November 2021.

POSOCO has always considered access to hygienic and clean drinking water to be a human right. It has been providing safe and clean drinking water to the local communities by installing water dispensers with RO purifier

at nearby Government schools at different locations in the country. Taking AKAM celebration to its very letter & spirit, POSOCO organized Blood donation camps through its Regional offices with a noble and selfless deed of donating Blood to Hospitals and helping those in need.

Contribution to the Nation

Hon'ble Minister of Power and New & Renewable Energy Shri R. K. Singh on the occasion of 5th POSOCO Day on 3rd January, 2022, dedicated Automatic Generation Control (AGC) to the nation which will facilitate the target of achieving the government's ambitious target of 500 GW non-fossil fuel-based generation capacity by 2030.

National Open Access Registry (NOAR) was made live from 1st May 2022. NOAR has been designed as an integrated single window electronic platform accessible to all stakeholders including open access participants, traders, power exchanges, national/regional/state load despatch centres for electronic processing of short-term open access application thereby automating the administration of the short-term open access in inter-state transmission system.

POSOCO has been appointed as nodal agency to setup and operate a single window Green Energy open access system.

Celebration of National Importance

CMD POSOCO always make it a point to highlight the importance of celebrating the days of National importance in his

address on such occasions and encourage employees to follow the learnings/ deeds in their day-to-day life to contribute towards progress of our Nation. To celebrate the spirit of the Unity, National Unity Day or Rashtriya Ekta Diwas was celebrated across POSOCO to mark the birth anniversary of Sardar Vallabhbhai Patel, a pledge ceremony was organised for all the employees of POSOCO on 31st October, 2021.

To foster peace and harmony in the organization, communal harmony campaign week was celebrated in all the Regions and the Corporate Centre of POSOCO. During this week intensive campaigns viz. essay writing, painting competitions, Lectures, Talks etc. for sensitizing employees, family members and public at large.

Constitution Day was observed at all the offices of POSOCO on 26-11-2021 at 11 a.m. The live webcast from the Central Hall of Parliament was witnessed by the officers along with the employees of POSOCO. All employees read the Preamble of the Constitution of India along with the Hon'ble President of India.

Under the 'AKAM' initiative of Govt. of India, 'National Energy Conservation Week' was observed from 8th to 14th December, 2021. On this occasion, various activities were organized including Essay Writing competition, Painting Competition and a Lecture on Energy Conservation to bring awareness amongst the employees, their family members and the general public about the need for energy conservation.

POSOCO employees have been a source of strength for POSOCO

since its formation and have led from front in providing services to every citizen of the nation through its operations. To celebrate the spirit of colors and National Harmony, Rangoli making competition was organized during the month of festival of light to provide an opportunity for its employee towards better team building and developing a sense of belongingness among each other.

Safety Concerns

Safety is a priority and way of life at POSOCO. Considering the importance of safety at work place safety mock drills, practical sessions on usage of safety equipment's, fire extinguishers, administering CPR, evacuation in case of fire at office or home was taken up to keep employees prepared for responding to emergency scenarios. National Safety Week 2022 (4th - 10th March) observed at POSOCO under AKAM. Various competitions like Slogan Writing Competition, Essay writing Competition and Painting Competition were held. Cyber security has appeared one of the biggest threat and concern in this technologically driven digital era. To bring awareness to employees in using their phones, credit cards and other such devices and motivate them to follow safety measures to keep them safe from cyber threats, an interactive session was held on 10th March 2022, experts from Intelligence Bureau, New Delhi delivered the lecture.

Health and Well-being

At POSOCO, employees are regarded as the biggest & most valuable asset. In order to build

upon assets of our organization, POSOCO launched "SAARTHI", a 5 week Well-being drive from May 9th – June 10th 2022, first of its kind program taking into account the physical, mental, emotional and spiritual aspects of well-being of its employees and their families through series of interactive sessions, activities, challenges, quiz etc. Employees and their family members participated in great numbers and the programme was appreciated from all corners. Understanding the need and stress build-up due to COVID-19 outbreak and other pressures, services of dedicated well-being counsellor is provided to employees to help them to deal better with issues related to stress, anxiety etc.

In pursuit of maintaining good health, COVID-19 Vaccination camps were organised across all the offices of POSOCO. All three doses of vaccination were administered to employees and their families. Over 600 employees, their family members, outsourced staff and beneficiaries from various Power CPSEs were benefitted from the vaccination camps.

To create more awareness about all round Health, Medical/Health check-up Camps were organized at across all the offices of POSOCO. Webinars on Healthy Heart, Air Pollution, Mental Health at Workplace and Know your Lungs Health-Post COVID-19 etc. were organised.

Women Empowerment

POSOCO's growth is well supported by contribution of its women employees & POSOCO

strongly believes in empowering women at workplace to enable them to give their best. Under the "Azadi Ka Amrit Mahotsav" POSOCO celebrated International Women's Day on 8th March 2022, to celebrate the spirit of womanhood and their contribution in development of POSOCO and society at large. The celebrations took place across all the locations at POSOCO motivational sessions from BramhaKumari, session on maintaining hair and skin, session on work life balance and breaking the glass ceiling were held. Cake cutting, special lunch and quizzes were held to mark the occasion.

In the endeavour to support and empower women employees and female family members of employees specially designed programmes were conducted like 'Talk with Dr. friend (Gynaecologist); on theme Taking care of yourself at different stages of life and session on 'Nutrition and Nourishment', talking about myths and facts around latest diets fads and overall nutrition.

Promoting Rajbhasha

Apart from ensuring compliance of the constitutional and legal provisions regarding official language and to promote the use of Hindi for the official purposes of the Union, POSOCO took various initiative to promote Hindi as official language at workplace through initiatives like, translation of important reports/ documents in Rajbhasha, observance of Hindi Pakhwada, organizing Hindi Pratiyogita every month, Kavi Sammelan, sending regular emails to employees in Hindi highlighting significance of

important days and festivals, meaning and translation of organisational vocabulary used in daily official work in Hindi, ensuring availability of Hindi books in library to enable employees to read and learn etc. Training sessions were held to make Non Hindi Bhashi employees to learn Hindi language and achieve proficiency through regular test. To ensure the maximum use of Hindi in official work, Rajbhasha Karyanvayan Samitiis held quarterly.

Skill development

To ensure Jan Bhagidari under Azadi Ka Amrit Mahotsav initiative, SCADA Conclave themed on 'Evolution of SCADA in Indian Power System, Future Development and Challenges in Cyber Space' was held. Training program on 'Power System Dynamic Simulation', workshop on 'Cyclone Preparedness', Two days National Conference on "Regulatory Framework in Electricity Industry in India - Challenges, Governance and future roadmap" were conducted for external stakeholders.

Students are the future, dedicating to this POSOCO has taken several initiatives for skill development of students. POSOCO as a knowledge based organisation is contributing in its own way to develop skills. As a part of AKAM celebration, NERLDC, POSOCO, Shillong conducted one month internship programme for engineering graduates on 22nd June 2022. 24 students from Institutes like NERIST, Arunachal Pradesh, NIT Silchar and NIT Meghalaya were part of this programme.

ERLDC, POSOCO has also conducted Summer Internship Programme (Gyanodaya) from 6th June - 15th July, 2022 which was a 6-week program for 28 students of five Govt. Engineering Colleges/Universities (IIEST Shibpur, Jadavpur University, Kalyani Govt. Eng. College, Nit Sikkim and Cooch Behar.

Contributed to 'Swachh Bharat Abhiyan' in unique way

POSOCO observed "Swachhta Pakhwada 2022" from 16th May to 31st May 2022, during the inauguration ceremony 'Swachhata Pledge' was administered by employees marking the commencement of "Swachhata Pakhwada 2022". Under the Swachhta Abhiyan, cleanliness drives and sanitization were done in

the nearby parks and identified places. Tree plantation drives, various competitions like Slogan Writing Competition, Essay writing Competition and Painting Competition on the theme of 'Swachh Bharat' were organized to promote the message of cleanliness & hygiene at all the offices of POSOCO.

In the celebration of Azadi Ka Amrit Mahtosav, POSOCO contributed in a unique way, CMD POSOCO callout to employees to join 'Plogging' initiative in his address on the inauguration of "Swachhta Pakhwada 2022". Plogging is picking up litter during jogging or walk. POSOCO Employees participated wholeheartedly and showcase their commitment towards 'Swachh Bharat' while working upon their physical health.

Way Forward

Taking these celebrations on 'Azadi Ka Amrit Mahtosav' forward, POSOCO has planned Wide range of activities under the aegis of MoP. To share the knowledge and provide exposure, we planned to hold industrial visits of students at our RLDCs. Women empowerment drive; under this POSOCO planned to organise self-defence training at different location in POSOCO. Save your environment campaign, plantation drives, environmental protection awareness through social media. Art & Craft Exhibition, Special screening of movie based on patriotism and nationalism are on our mind to celebrate 'Azadi Ka Amrit Mahotsav' in our own way. POSOCO is also celebrating Ujjwal Bharat Ujjwal Bhavishya Celebration- Bijli Mahotsav under AKAM.



RailTel

Partnering Digital Growth of India



Aruna Singh
CMD, RailTel

India is currently commemorating 75 glorious years of progress made since Independence. India has several achievements to its credit in its long evolutionary journey. It has built a modern economy (second fastest growing economy), remained a democracy, lifted millions out of poverty, has become a space and nuclear power, and developed a robust foreign policy.

India has specially made tremendous progress in the fields of Science & Technologies which has been the key to the country's development. We have successfully established a modern Science and Technology infrastructure in the country. In the past seven decades, India has built satellites and sent probes to the Moon and Mars, established nuclear power stations, acquired nuclear weapon capability, and demonstrated firepower in the form of a range of missiles. Undoubtedly, these are all fabulous achievements of Indian scientists and technologists.

Alongside, India has witnessed the information technology and telecom revolution. In recent years, digitization in India has gained further momentum, leading to its adoption of the digital culture, and making India a tech leader.

India's achievements in the Digital space are transforming all sectors of the economy and impacting our socio-cultural, political, and economic identity, and fuelling the spirit of self-reliance in the Digital sector. Various agencies both Government and non-Government are working towards the transformation of India into a digitally empowered society and knowledge economy and generating self-reliance for the country in the field of technology and communication.

Azadi Ka Amrit Mahotsav is giving an opportunity for a grand celebration of a culture of innovation, entrepreneurship, and digital inclusion paving the way to realize Hon'ble Prime Minister's vision of an AatmaNirbhar Bharat. RailTel, a 'Mini Ratna' PSU of the Government of India, has been at the forefront of the Country's digital transformation. It began its journey in 2000 as a Signalling and Telecom arm of the National Transporter i.e. Indian Railways. Subsequently, RailTel, by way of expansion, diversification & upgradation, has now emerged as a prominent ICT provider and one of the largest neutral telecom infrastructure providers in the country. The biggest asset of RailTel is its Pan-India optic fibre network of 61000+RKM (and growing) along the Railway

track. The OFC network covers important towns & cities of the country and several rural areas. In addition, RailTel also has a 21000+ KM City Access network, around 11000+ Point of Presence, 1050+ telecom towers, Two Tier-III certified Data Centres, MeitY empanelled Rail Cloud, a specialized Security Operation Centre, and a team of professionally qualified domain experts. Besides Railways, RailTel is also providing services in Coal, Bank, Health, Education, Universities, Power, Defence, Strategic sector, etc. RailTel has been constantly a consistent performer, profitable and dividend-paying company. It has also found a respectable place in Fortune India Next 500 list of the Year 2022" of top midsize companies operating in India. The company has been bagging several awards and accolades in different fields like Telecommunication & Information Technology, Digital Technology, Data Centre, Digital PSU, Digital Security & Document Management, and financial accounting.

RailTel has implemented various projects and provided services that have contributed in Nation building in a big way. Some of the notable Nation building activities undertaken by RailTel are as follows: RailTel is also continuously engaged in executing

mission-critical projects for the Government of India. RailTel as one of the implementing agencies for NKN has so far connected 764 institutions of higher learning such as IITs, IIMs, medical colleges, research institutions, etc.

RailTel as one of the implementing partners for Bharat Net has laid a total of 27236 KM. of optical fibre cable over 7988 panchayats to make them service ready. RailTel is also providing campus Wi-Fi facilities at 26 Central University campuses.

RailTel has provided free High-Speed Wi-Fi Internet facilities at 6100+ Railway stations. This is one of the largest public Wi-Fi networks in the world which has turned Railway stations into Hub of digital inclusion. This initiative has received phenomenal responses from users especially students of rural areas preparing for competitive examinations.

Using these station PoP, RailTel is executing a new scheme to provide broadband Internet facility in one lakh+ villages within 5 KMs distance from Railway stations in rural areas. Till now, around 15000+ villages have been covered with this scheme. It is targeted for completion by March'2025. We are implementing it through various partnership models and engaged with DOT/USOF for extending subsidies for taking broadband to villages.

RailTel is playing a pivotal role in The PM WANI (Prime Minister Wi-Fi Access Network Interface) scheme, which aims to increase internet connectivity across the country by implementing a decentralized system of a network of public Wi-Fi access points creating a nationwide Public Wi-Fi Ecosystem. RailTel is playing a pivotal role in the PM-WANI

project which has already been launched PM-WANI at 200 Railway Stations so far and will be extended to the remaining stations in phases.

RailTel has deployed modern cloud infrastructure spanning across its two Data Centers. RailTel's Cloud services are scalable and fault-tolerant with high availability and serving mission-critical applications for Indian Railways and other Government organizations.

RailTel implemented Web-based, multi-module, feature-rich Hospital Management Information System (HMIS) in all the hospitals and health units of Indian Railways making them more transparent, effective, efficient, accountable & patient-friendly. Further, this HMIS has also been successfully integrated with the path-breaking project of Hon'ble Prime Minister namely, "Ayushman Bharat Digital Mission" (ABDM).

To ensure proactive high-tech security of passengers at railway stations and in trains, RailTel is implementing the project of providing IP based Video Surveillance System (VSS) at Railway stations and passenger coaches of premium trains and sub-urban EMU coaches. As part of the project, CCTV cameras will be networked and the recording of the video feeds from CCTV cameras will be stored for 30 days for playback, post-event analysis and for investigation purposes. RailTel has already completed work at 303 stations across the country using Nirbhaya Funds.

RailTel has substantially contributed to modernising the coal sector in a big way. Like any other emerging economy, India is also



dependent on the production of Power for sustainable growth which is reliant on the coal sector. RailTel provided connectivity to mines and offices of CIL on digital platforms for effective functioning. RailTel has provided Internet connectivity, MPLS, VPN services, cloud services, and e-office services to coal India & its subsidiaries.

RailTel is implementing an important project worth Rs 220.55 Crore for providing MPLS and Internet bandwidth for installing CCTV Surveillance System under the Safe City Project of Delhi Police for enhancing women's safety in Delhi.

RailTel is executing five tunnel communication projects of Indian Railways costing Rs. 350 Crore which include the tunnel-dominated Dharam-Banihal Section of Jammu & Kashmir Rail Link connecting the Kashmir Valley to the rest of the country.

RailTel has implemented projects for Indian Railways replacing obsolete mechanical signaling systems with state-of-the-art Electronic Interlocking systems to enhance the safety and efficiency of train operations.

RailTel is implementing the project of converged communication system over 230 stations in South

Western Railway (SWR) Zone valued at Rs.107.44 Crore.

RailTel is executing a major work order worth Rs. 122.08 Crore of Government of Odisha for up-gradation of their existing OSWAN (Odisha State Wide Area Network) using State-of-the-Art SDWAN (Software Defined Wide Area Network) technology, along with replacement of old and end of life equipment, provision of secondary bandwidth, and the maintenance of the OSWAN of five years.

RailTel has bagged an order worth Rupees. 115 Crore from the Government of Madhya Pradesh for expansion of State Data Centre (SDC) and establishment of Disaster Recovery (DR) centre. RailTel is executing two projects of DRDO pertaining to Data Centre management and cloud services.

RailTel recently participated in the mega event of exhibition on 'Nation Building and CPSEs' at Mahatma Mandir, Gandhinagar. This exhibition was organised by the Department of Public Enterprises (DPE), Ministry of Finance, and Government of India with the support of Central Public Sector Enterprises (CPSEs) and Standing Conference of Public Enterprises (SCOPE) under Azadi Ka Amrit Mahotsav (AKAM) initiatives. This event brought CPSEs together on a single platform and provided an opportunity to learn about various best practices and methodologies and the achievements of fellow PSUs. The top management of RailTel participated at the CEO Roundtable for deliberating on 'Role of CPSEs for a self-reliant India' which was held alongside

the exhibition. CMDs of many CPSEs attended the event. The deliberations were very useful.

RailTel also benefited from a series of workshops on issues such as CSR with a special focus on Aspirational Districts, Annual Appraisal System of CPSEs, Procurement from Micro & Small Enterprises (MSEs), Government E-Marketplace (GeM) which were organised at the exhibition venue. These workshops brought together all stakeholders on one platform for experience sharing and strategizing in the future course of action.

RailTel has also undertaken the following activities to mark the monumental occasion of AKAM.

On the spot essay writing competition in Hindi on the subject of "Importance of Independence for a country. (September 2021).

Quiz competition, public speaking competition and poster-making competition on the theme of 'Contribution of RailTel in the progress of India' (October 2021).

Preparation of a small documentary film highlighting the 'Contribution of RailTel in the digital transformation and development of India' (October 2021).

Campaign to create awareness against corruption during Vigilance Awareness Week (October 2021).

Essay writing competition on 'role of National heroes in the freedom struggle of India' (October 2021).

Run for Unity event with Divya Kakran as Chief Guest who is an International level freestyle wrestler belonging to Indian Railways

and decorated with Bharat Kesari title and Arjun Award (October 2021).

Quiz competition on 'Constitutional Democracy' on the occasion of 'Indian Constitution Day' (November 2021).

Poetic session on the eve of India's Republic Day (January 2022).

Celebration of Paryavaran Diwas, Yoga Diwas .

Frequent special social media campaign to mark AKAM.

Tree Plantation across its offices all over India.

The above list is only indicating and not exhaustive. Many more such events/celebrations are planned in coming months also.

RailTel has been constantly diversifying, upgrading, expanding, growing and modernizing its activities and functioning. In the coming five to ten years' time, RailTel is aiming to be positioned as a very prominent ICT & Telecom company. It will offer service solutions based on modern technologies like Artificial Intelligence, Machine Learning, Internet of things etc. RailTel will be a big player in ensuring large-scale internet penetration in rural areas which will accelerate digital progress, and technological advancement and improve the quality of life of the people living in these areas. RailTel's vision is to establish itself as a reliable partner in the digital transformation of the country. The Company is strongly committed to the deployment of new technologies for the digital growth of the nation to bring transparency and efficiency. ■

राजस्थान इलेक्ट्रॉनिक्स एण्ड इन्स्ट्रूमेंट्स लिमिटेड, जयपुर

रील में 'आजादी का अमृत महोत्सव' कार्यक्रम के आयोजन



Rakesh Chopra
MD, REIL



राजस्थान इलेक्ट्रॉनिक्स एण्ड इन्स्ट्रूमेंट्स लिमिटेड (रील), जयपुर में भारी उद्योग मंत्रालय, भारत सरकार एवं संस्कृति मंत्रालय, भारत सरकार से प्राप्त दिशा निर्देशों के तहत 'आजादी का अमृत महोत्सव' का आयोजन 10 जनवरी से 16 जनवरी 2022 तक किया गया था। इस अवसर पर कम्पनी में निर्धारित कार्य योजना के तहत विभिन्न गतिविधियों का आयोजन किया गया।

IDEAS@75, ACHIEVEMENT @75
Development] Sustainability] Idea of
India & Environment-

'आजादी का अमृत महोत्सव' कार्यक्रम की शुरुआत IDEAS@75] ACHIEVEMENT@75 विषयवस्तु आधारित गतिविधि में दिनांक 10

जनवरी 2022 को कम्पनी परिसर के साथ-साथ राजकीय उच्च माध्यमिक विद्यालय, सिरसी, जयपुर में पौधरोपण कार्यक्रम के साथ की गयी। इस अवसर पर माननीय मंत्री महोदय, भारी उद्योग मंत्रालय, भारत सरकार द्वारा जारी संदेश को पढ़कर जन भागीदारी हेतु प्रेरित किया। कार्यक्रम की शुरुआत कम्पनी के मुख्य सतर्कता अधिकारी श्री अनिल कुमार अग्रवाल द्वारा की गयी।

इस कार्यक्रम के आयोजन के क्रम में "ई-इनवेंट्री प्रबंधन मॉड्यूल" का कार्यान्वयन कर संचालन हेतु जारी किया गया। इस मॉड्यूल को आत्मनिर्भर भारत की अवधारणा को देखते हुये कम्पनी के सूचना प्रौद्योगिकी विभाग द्वारा विकसित किया गया है। "ई-इनवेंट्री प्रबंधन मॉड्यूल" का उद्घाटन महाप्रबंधक (अक्षय ऊर्जा) श्री एमबी माथुर द्वारा किया गया। इस अवसर पर अति. महाप्रबंधक (का.एवं औ.सं.) श्री संजीव कुमार एवं अति. महाप्रबंधक (सूचना प्रौद्योगिकी), डॉ. पी. एन. शर्मा एवं अन्य अधिकारी तथा कर्मचारीगण उपस्थित थे।

कार्यक्रम की शृंखला में कम्पनी द्वारा सोलर पावर प्लांट/ईवी चार्जिंग स्टेशनों को स्थापित करने के परिणाम/ पर्यावरणीय लाभों को दर्शाते हुये ई-ब्रोशर तैयार कर और देश भर में रील के कार्यालयों के माध्यम से सभी संबद्ध स्थानों पर प्रसारित किया गया ताकि वर्तमान में कम्पनी द्वारा प्रदत्त उत्पाद एवं सेवाओं के संबंध में जानकारी एवं प्रोत्साहन दिया जा सकें। इस क्रम में डवलपमेंट, सस्टेनेबिलिटी, आइडिया ऑफ इंडिया एण्ड एनवायरमेंट विषयवस्तु पर कम्पनी परिसर के निकट सिरसी रोड पर प्रदूषण जाँच शिविर भी लगाया गया जिसमे पहले 75 वाहनों को प्रदूषण जाँच पर 50% छूट के साथ वाहनों की जाँच की गयी।

ACTIONS @75 Swachh Bharat

‘आजादी का अमृत महोत्सव’ कार्यक्रम के तहत दिनांक 11 जनवरी 2022 को ACTIONS @75 Swachh Bharat विषयवस्तु आधारित गतिविधि में कम्पनी में प्रबंध निदेशक द्वारा सभी कर्मचारियों को स्वच्छता शपथ दिलाई गयी। स्वच्छता शपथ का आयोजन कोरोना महामारी के नियमों की अनुपालना सुनिश्चित करते हुये वर्चुअल माध्यम से सुनिश्चित किया गया। इस अवसर पर कम्पनी परिसर के निकट स्थित राजकीय उच्च माध्यमिक विद्यालय, मीनावाला, जयपुर एवं राजकीय उच्च माध्यमिक विद्यालय, सिरसी, जयपुर में 75 हैंड सैनिटाइजर एवं मास्क का वितरण किया गया। इस क्रम में विषयवस्तु के आधार पर राजकीय उच्च माध्यमिक विद्यालय, मीनावाला, जयपुर के छात्र-छात्राओं के लिए “नए भारत के निर्माण में स्वच्छ भारत अभियान की सार्थक भूमिका” विषय पर एक निबंध प्रतियोगिता का आयोजन किया गया जिसमे 30 छात्र-छात्राओं द्वारा भाग लिया गया।



कार्यक्रम की शृंखला में कम्पनी के हितधारकों/ध्वेंडरों और आपूर्तिकर्ताओं के लिए ई-वेस्ट प्रबंधन पर जागरूकता हेतु एक विशेषज्ञ वार्ता सत्र का आयोजन किया गया। इस वार्ता सत्र में राष्ट्रीय उत्पादकता परिषद, नई दिल्ली से आमंत्रित विशेषज्ञों द्वारा ई-वेस्ट प्रबंधन पर सभी को जागरूक करते हुये इसकी प्रक्रिया एवं संबंधित नियमों पर जानकारी दी गयी। इस क्रम में कम्पनी कर्मचारियों द्वारा पुराने कपड़ों को एकत्रित करके इन्द्रा कुपट आश्रम, झोटवाड़ा, जयपुर के लोगों को वितरित किया गया।

RESOLVE@75% Sector Specific aspirations] Youth Involvement

‘आजादी का अमृत महोत्सव’ कार्यक्रम के तहत दिनांक 12 जनवरी 2022 को RESOLVE@75 Sector Specific aspirations] Youth Involvement विषयवस्तु के आधार पर विभिन्न अभियांत्रिकी महाविद्यालयों, तकनीकी संस्थानों के छात्र-छात्राओं से रचनात्मक, तकनीकी विचार साझा करने के लिए वर्चुअल माध्यम से कार्यक्रम का आयोजन किया गया। इस कार्यक्रम में भूषण औद्योगिक प्रशिक्षण संस्थान, जयपुर, राजस्थान इंस्टीट्यूट ऑफ इंजिनियरिंग एंड टेक्नोलॉजी, जयपुर एवं नारायणा प्राइवेट आईटीआई, जयपुर के छात्र-छात्राओं से रचनात्मक, तकनीकी विचार आमंत्रित किए गए थे। जिसमे लगभग 95 लोगों ने भाग लिया। प्राप्त श्रेष्ठतम नवाचार विचारों को चयनित कर गणतन्त्र दिवस समारोह के अवसर पर सम्मानित किया गया।





कार्यक्रम की शृंखला में कम्पनी से जुड़े हुये विक्रेताओं के लिए एमएसएमई योजनाओं से संबंधित जागरूकता कार्यक्रम का आयोजन भी किया गया। जिसमें सभी विक्रेताओं के लिए एमएसएमई योजनाओं से संबंधित जानकारियाँ प्रदान की गयी। जिसे सभी लोगो द्वारा सराहा गया। इस क्रम में रील के साथ व्यापार के लिए नए स्टार्ट-अप/एमएसएमई को शामिल करने के उद्देश्य से नए विक्रेताओं का पंजीकरण किया गया।

इस अवसर पर त्वेवसअम/75 विषयवस्तु पर आधारित "उभरता भारत, गांधी जी की शिक्षा" पर आधारित एक नुक्कड़ नाटक का आयोजन भी किया गया, जिसमें कम्पनी के कर्मचारियों द्वारा मंचन कर गाँधी जी के विचारों पर संदेश देकर सभी को प्रेरित किया।

ACHIEVEMENTS@75 Village@75

'आजादी का अमृत महोत्सव' कार्यक्रम के तहत दिनांक 13 जनवरी 2022 को RESOLVE@75 Sector Specific aspirations] Youth Involvement विषयवस्तु के आधार पर कम्पनी के उत्पादों जिसमें मुख्य रूप से हरित ऊर्जा समाधान, दूध संग्रह और विश्लेषण प्रणाली से युक्त उत्पादों के बारे में जागरूकता कार्यक्रम का आयोजन किया गया। इस कार्यक्रम में कम्पनी के ग्राहक एवं कर्मचारीगण आदि लोगों ने वर्चुअल माध्यम से भाग लिया।



कार्यक्रम की शृंखला में कम्पनी से जुड़े हुये ग्रामीण क्षेत्रों के 75 ग्राहकों एवं लाभार्थियों से कम्पनी के उत्पादों पर आधारित एक सुझाव, प्रतिक्रिया कार्यक्रम का आयोजन किया गया। जिसमें उनके द्वारा फोटो और विडियो के माध्यम से अपने सुझाव और प्रतिक्रिया मांगी गयी। इस कार्यक्रम का आयोजन वर्चुअल माध्यम से किया गया जिसमें ग्रामीण क्षेत्रों के ग्राहकों ने कम्पनी के उत्पादों और सेवाओं पर अपनी उत्कृष्ट प्रतिक्रिया देते हुये इनके माध्यम से मिल रहे लाभों के बारे में अपनी राय प्रस्तुत की।

इस अवसर पर कार्यक्रम की विषयवस्तु पर आधारित देशभक्ति फिल्म का प्रदर्शन 'दुग्ध समिति निमेड़ा, जयपुर' में किया गया। इस कार्यक्रम में 'दुग्ध समिति निमेड़ा, जयपुर' के लगभग 40 सदस्यों एवं समीप के नागरिकों द्वारा फिल्म के प्रदर्शन का लाभ लिया। कार्यक्रम का आयोजन का उद्देश्य 'आजादी का अमृत महोत्सव' कार्यक्रम में जनभागीदारी को बढ़ावा देकर देशप्रेम के प्रति सभी नागरिकों जागरूक करना है।

कार्यक्रमों के आयोजन के क्रम में राजकीय उच्च माध्यमिक विद्यालय, मीनावाला, जयपुर में कार्यरत सभी महिला कर्मचारियों के लिए यौन उत्पीड़न की रोकथाम (POSH) पर एक जागरूकता कार्यशाला का आयोजन किया गया। इस कार्यक्रम में विद्यालय की लगभग 20 महिला कर्मचारियों द्वारा भाग लिया। कार्यक्रम में कार्यस्थल पर यौन उत्पीड़न से जुड़े हुये विभिन्न पहलुओं पर चर्चा, बचाव एवं इनकी रोकथाम पर जानकारी दी गयी। जिसे सभी महिला कर्मचारियों द्वारा सराहा गया।

FREEDOM STRUGGLE IDEAS @75 % Forgotten heroes% stories of unsung heroes] Freedom Fighters] Cultural Heritage of India

'आजादी का अमृत महोत्सव' कार्यक्रम के तहत दिनांक 14 जनवरी 2022 को FREEDOM STRUGGLE IDEAS @75 Forgotten heroes% stories of unsung heroes, Freedom Fighters, Cultural Heritage of India विषयवस्तु के आधार पर आजादी का अमृत महोत्सव के संदेश और उस पर 75 वर्ष का लोगो (स्वहव) के साथ राजस्थान के प्रसिद्ध त्योहार "मकर संक्रांति" के अवसर पर पतंगों का वितरण किया गया। इस अवसर पर जन-भागीदारी को बढ़ावा देने के उद्देश्य से जनता के बीच पतंगों का वितरण किया गया। कार्यक्रम की शृंखला में कम्पनी में स्वतन्त्रता संग्राम पर एक नारा प्रतियोगिता का आयोजन किया गया।

ACTIONS@75 Skill India] Atmanirbhar Bharat

'आजादी का अमृत महोत्सव' कार्यक्रम के तहत दिनांक 15 जनवरी 2022 को ACTIONS @75 Swastha Bharat, Ayushman Bharat, Aarogya Bharat विषयवस्तु के आधार पर कम्पनी कर्मचारियों द्वारा एक फिटनेस रन का आयोजन किया गया। यह फिटनेस रन कम्पनी परिसर के निकट कनकपुरा रोड पर आयोजित की गयी। जिसमें लगभग 45 लोगो ने भाग लिया।



कार्यक्रम की शृंखला में कम्पनी में महिला कर्मचारियों/कर्मचारियों की पत्नियों के लिए वित्त प्रबंधन, योजना पर एक कार्यशाला का आयोजन वर्चुअल माध्यम से किया गया जिसमें विशेषतः कम्पनी की महिला कर्मचारियों एवं कर्मचारियों की पत्नियों द्वारा ऑनलाइन माध्यम से भाग लेकर वित्त प्रबंधन के प्रमुख पहलुओं के बारे में जानकारी प्राप्त की। यह कार्यक्रम मुख्यतः महिला वर्ग के लिए आयोजित किया

गया। इस अवसर पर कम्पनी के हितधारकों/ध्वेंडरों एवं संबंधित सभी आपूर्तिकर्ताओं के लिए जेम पोर्टल के बारे में प्रशिक्षण कार्यक्रम का आयोजन किया गया। इस प्रशिक्षण कार्यक्रम में जेम पोर्टल के उपयोग एवं उपलब्ध नवीनतम सुविधाओं के बारे में जानकारी प्रदान की गयी।

ACTIONS @75 Swastha Bharat, Ayushman Bharat, Aarogya Bharat

कम्पनी में कर्मचारियों के लिए वर्चुअल माध्यम से दिनांक 16 जनवरी 2022 को एक योग शिविर का आयोजन किया गया। योग कार्यक्रम योग आचार्य श्री परमानंद छापरवाल जी के द्वारा किया गया। जिसमें सभी कर्मचारियों को योग का दैनिक जीवन में महत्व, योग की आवश्यकता और योग का प्रभाव जैसे विषयों पर जानकारी देते हुये विभिन्न प्रकार की योगिक क्रियाओं के बारे में बताया। उन्होने बताया कि आज के समय में योग सभी नागरिकों के जीवन का एक अभिन्न अंग बन गया है। जिसके माध्यम से विभिन्न प्रकार व्याधियों से मुक्त हुआ जा सकता है।



RITES Ltd.

Contributing its bit in nation-building



At RITES, our journey has been symbolic of India's nation-building goals. As we celebrate the country's 75th year of Independence, our Azadi Ka Amrit Mahotsav, it's difficult to not look back at the past 48 years, where our mission at RITES has also been to fuel the country's growth by connecting and inspiring Indians through transport, technical and economic services.

With the aim of playing a catalytic role in addressing the nation's infrastructure and development challenges, we, through our projects and initiatives, are continuously striving to make transformative changes in society for all stakeholders. We believe that RITES has the power and potential to help enable the Hon'ble Prime Minister Shri Narendra Modi's vision of activating India 2.0, fuelled by the spirit of Aatmanirbhar

Bharat. Four decades of global experience makes us one of the most trusted partners in the business. To practically showcase the same, we also participated in the Azadi Ka Amrit Mahotsav Exhibition that took place in Gandhinagar, Gujarat, from 9th to 12th June 2022. As part of the celebrations, we also participated in a mega plantation drive carried out by Central Public Sector Enterprises (CPSEs) across the country. With the aim of raising awareness about the importance of living in harmony with nature, RITES planted saplings at its office complex(es).

At RITES, we are also aligned with the global vision of sustainable mobility with significant, long-term, social, and environmental benefits. We provide comprehensive consultancy services from concept to commissioning for all sustainable urban transport systems. With extensive experience

of working for urban & regional transport projects in diversified environmental, geographical, social and economic conditions, RITES is capable of handling the most complex projects. Additionally, by maintaining a sustainable approach towards operational performance excellence, we have been able to demonstrate the ability of unparalleled efficient operations and timely project execution --- from Bogibeel Bridge, India's longest road-cum-rail bridge over the Brahmaputra, at Dibrugarh in Assam to Metro works in Ahmedabad in Gujarat and from Pir Panjal railway tunnel in Jammu & Kashmir to Machilipatnam port in Andhra Pradesh.

As India's exports touched a record peak in FY22, Make in India and Aatmanirbhar Bharat policies are at the heart of the things RITES is striving for. RITES is continuously putting





the focus on enhancing exports, backed by quality products, solutions, and services for aiding the #LocalGoesGlobal effort. Further, in an endeavour of facilitating rail infrastructure development, RITES has supplied 'made-in India' DEMUs, locomotives and coaches to Sri Lanka, Mozambique, and Bangladesh. As a result of its capabilities, execution skills and experienced workforce, RITES has been expanding its business reach. It has secured its maiden foreign Metro Rail Project in Mauritius as a sole consultant. At present, it is also providing project management consultancy and technical assistance for various infrastructure projects such as railway work in Bangladesh, highway works in Bangladesh, Botswana and Guyana, airport rehabilitation work and development of Integrated Check Posts in Nepal etc., helping in transforming transportation landscape and bringing real-time impact on the lives of the people. It is imperative, now more than ever, that sustainability is not an after thought but underpins all activities surrounding urbanization – from transportation to infrastructure. As the country is faced with the tribulations of climate change, power shortages, and

limited green norms, our initiative, 'Transforming to Green', becomes extremely relevant. Rethinking and revamping our sustainable urbanization efforts in the post-COVID era by implementing structural changes will help us to go a long way. It's in all our hands to create a positive impact on emission levels, air quality and societal health. RITES' solutions for going green can set industry benchmarks and inspire others to fulfil their goals by going green. 'Changing Lives', our CSR effort, is bringing about a lasting and holistic impact for the needy. Our goal is to bring about a paradigm shift when it comes to facilitating transformative change for a more inclusive India. Through our interventions and activities, we want to ensure lasting social impact in a broader sense in all sectors. This encapsulates a large bracket inclusive of health, education, skill development, environment sustainability, women empowerment, child & elderly across the country, with emphasis on Aspirational Districts. We want to offer multiple opportunities to empower the marginalized sections of society and make a meaningful difference in people's lives. RITES has also been actively involved in environment - friendly activities,

including pond rejuvenation, plantation drives, waste management, rainwater harvesting, and recycling projects, across the country. These positive actions are helping us to exponentially expand the scale and speed of our environmental impact for good.

We believe in the principle that good corporate governance establishes a positive organizational culture, and it is evident by responsibility, accountability, consistency, fairness, and transparency toward its stakeholders. It is what defines our organization's integrity and efficiency. Our initiatives are in constant synergy with the national development goals and government policies. In this vein, RITES organized a 'Born With the Nation' event on 29th July, to celebrate 48 years of service to the nation and to felicitate its veterans 'born with the nation'.

With the aim of transforming the country, RITES will continue to serve India by laying strong foundations for sustainable scaling of infrastructure and building a Green India using clean, sustainable, digitally enabled solutions keeping in mind this year of glory, the year of our Azadi Ka Amrit Mahotsav. ■

Rail Vikas Nigam Limited

Creating a Success Story out of the Country's Vision for Robust Infrastructure over the past 19 Years



Pradeep Gaur
CMD, RVNL

RVNL, a Mini Ratna Category I, CPSE under the Ministry of Railways, was incorporated on January 24, 2003, with the twin objectives of raising extra-budgetary resources and implementation of projects relating to the creation and augmentation of the capacity of rail infrastructure on a fast-track basis.

The organization undertakes project execution from concept to commissioning and creates project-specific SPVs for raising extra-budgetary resources (EBRs). RVNL's mandate also includes the mobilization of EBRs through a mix of equity and debts from banks, financial institutions, and multilateral agencies like the Asian Development Bank (ADB).

Birth & Evolution

- Incorporated as a PSU on 24-1-2003.
- Began operations in 2005.
- Granted 'Mini Ratna' status on 19th Sept. 2013.
- Under process of up-gradation to 'Navratna'.
- Clocked a Turnover of over One Trillion as of 17th January, 2022.

Proven Expertise

With its strong track record in the timely and successful execution of projects, RVNL has emerged as an undisputed leader in building diverse rail transportation infrastructure. Presently, it has a pan-India presence with 38 location-based Project Implementation Units. Its broad range of infrastructure verticals includes:

- New Railway lines
- Track doubling –Capacity augmentation
- Gauge conversion
- Railway electrification
- Rail Bridges over rivers and seas

- Road-under-Bridges and Road-over-Bridges
- Cable Stayed bridges
- Technically challenging Mountain Railway Projects
- Port Connectivity projects
- Workshops(Turnkey basis)
- Urban Transport Infrastructure
- Institutional Buildings

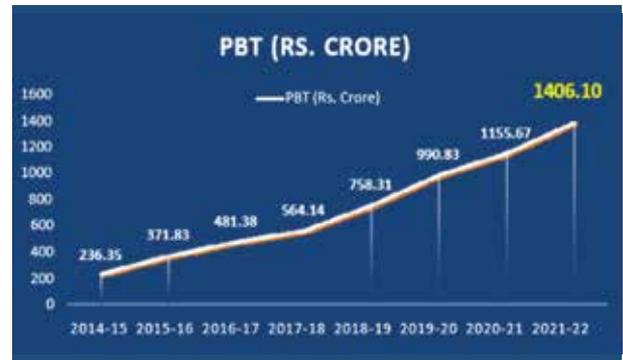
Key Enabler in the Infrastructure Journey of Indian Railways

RVNL has commissioned more than 14,600 Km of Railway Infrastructure which includes New lines, Doubling, Gauge Conversion, Railway electrification and the Metropolitan Transport Project. The organization has consistently contributed more than 37% of doubling and more than 28% of electrification out of the total projects commissioned by Indian Railways. 120 Projects are completed and handed over to Railways for operation. 1,020 km of Newline, Gauge Conversion and Doubling have been commissioned in FY 2021-22.

S. N.	HEADS	UPTO 31.03.2022 (km)
1.	New Line (NL)	522.3
2.	Gauge Conversion (GC)	2,095.83
3.	Doubling (DL)	5,172.12
4.	Railway Electrification (RE)	6,834.93
5.	Metropolitan Transport Project	46.14
	TOTAL	14,671.32
6.	RE as part of Doubling/GC/NL	3,484.30
7.	Workshop projects (Nos.)	15 nos.
8.	Cable Stayed Bridge (No.)	1 nos.
9.	Others	12 nos.

Financial performance

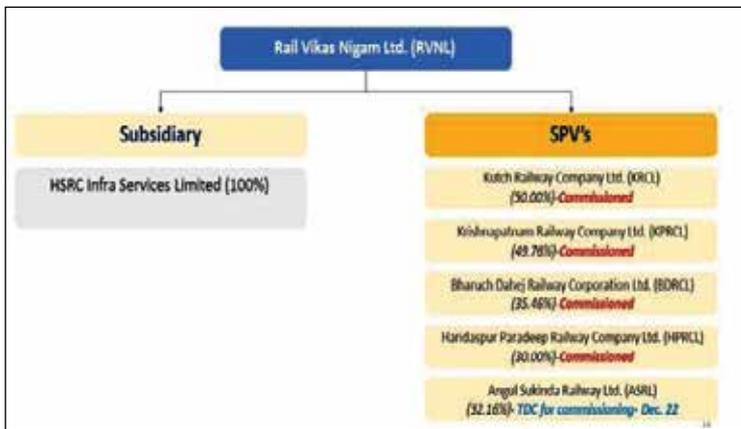
RVNL has registered a CAGR of about 27% in the previous 5 years, with a turnover of 12X in the last 10 years, demonstrating that performance drives shareholder value. Profit before Tax increased from Rs. 1155.67 cr. in 2020-21 to Rs. 1406.10 cr in FY 2021-22 showing an increase of 21.6%. Profit after Tax increased from Rs. 940.55 cr. in FY 2020-21 to Rs. 1087.21 cr. in F. Y. 2021-22 showing an increase of 15.6 %.



Special Purpose Vehicles: RVNL is a Pioneer in Building New Public Private Participative Business Models that Stand for Long-Term Value Creation

Aimed at bringing down logistics costs by providing rail connectivity to ports, RVNL is promoting

SPVs to attract private participation in the development of Railway Infrastructure, which is basically joint ventures that bring in last mile rail connectivity and internal rail projects of the major ports more effectively and efficiently. RVNL has generated revenue of Rs. 87,884 crores for Indian Railways without any additional investment from the Ministry. The Company has an equity contribution of Rs. 1140.60 crore in the 6SPVs at a total project cost of Rs. 8672.58 crore.



Community Centric Initiatives through CSR

Corporate Social Responsibility is a part of the ethos of Rail Vikas Nigam Limited. Aligning its goals to CSR objectives, RVNL has implemented projects in the thematic areas of Health and Education. The geographic focus of RVNL CSR has been West Bengal, Chhattisgarh, Jharkhand, Uttar Pradesh, Uttarakhand, Madhya Pradesh and Odisha. About

60% of CSR funds are spent in the education & health care sectors for the under-privileged, marginalized communities and tribal belts .



CSR Board Committee reviews and sanctions CSR project proposals for implementation. The Organisation utilises services of NGOs/ specialized external agencies, who have the necessary capability, expertise and established track record in undertaking CSR projects apart from the involvement of the field-level committees for close monitoring, evaluation and feedback. In FY2020-21, the Company spent Rs. 21.86 crore on CSR initiatives. Rs. 15 crores were contributed to PMCARES Fund for COVID-19 and Rs. 5 crores in FY 2019-20.

Creating new Benchmarks in Project Execution through Turn-Key Projects

Projects	Completion Time
Diesel Loco Component Workshop at Dankuni (Phase-I)	12 months
DMU Factory at Haldia	16 months
Electric Loco Factory at Dankuni	25 months
Augmentation of Production Capacity of DLW at Varanasi Commencement was done by Hon'ble PM who gave a target of 24 months. RVNL completed this work in 22 months and was inaugurated by Hon'ble PM.	22 months
Manufacture of Fiat Bogies for LHB Design Coaches, Yadgir	17 months
DEMU Shed at Aunrihar	21 months
Wagon POH workshop of 200 Nos capacity, Vadlapudi	25 months
Diesel Loco Shed, Barauni	27 months
Marathwada Rail Coach Factory, Latur	26 months
MEMU Shed, Kanpur	22 months
Rail Coach Naveenikaran Karkhana, Sonipat	31 months

Strategic Rail Projects under Construction.

Reconstruction of Pamban Bridge

The existing bridge, which is more than 100 years old, was the only link between mainland India and Rameshwaram Island. Hence, IR proposed to build a new bridge in February 2019.



RVNL was entrusted with the reconstruction of Pamban Bridge. The new bridge is parallel to the existing Pamban Bridge at 27.35 m distance on the northern side of the Pamban Channel. The new bridge will have 99 spans of 18.3 m and 1 span of 72.5 m which will be the navigational lift span. The existing navigational span known as the Scherzer span has a Roller Lift arrangement, whereas the proposed navigational span is a vertical lift span. Girder erection of the Pamban bridge has been commenced and it is likely to be completed in FY 2022-23.

Rishikesh-Karnaprayag New Rail Link Project

The new Broad Gauge (BG) Railway line between Rishikesh and Karnaprayag is a major developmental project in Uttarakhand. This rail link will strengthen the state's economy and tourism prospects, as well as create the potential for industrial



progress and cottage industry. The planned railway line will connect significant towns such as Devprayag, Srinagar, Rudraprayag, Gauchar, and Karnaprayag across the five districts of Dehradun, Tehri Garhwal, Pauri Garhwal, Rudraprayag, and Chamoli, reducing travel time to Chardham.



Rail Vikas Nigam Ltd (RVNL) has been entrusted with the implementation of this prestigious project. A detailed Estimate of Rs. 16216.31 Cr has been sanctioned by Railway Board in Nov. 2016. The 125.17 km long rail link is a broad gauge, the electrified route with a speed potential of 100 kmph. The alignment will have 12 new stations, 17 tunnels with total route tunnelling of 105 km, and 18 major

bridges. The 5.7 km long section between the existing Virbhadra station and Yognagari Rishikesh Station has been commissioned in March 2020. Tunnel work is progressing at more than 80 faces on the entire alignment. 54 km of tunnelling has been completed out of 213 km of total tunnelling. The project is targeted to be completed by December 2024 subject to assured fund

Indore Metro Project



RVNL had bagged 2 contracts for the construction of 16 stations of the Indore Metro Rail Project. The Company has expeditiously developed a casting yard with a quality control lab. Currently, the launching of segments is underway between super corridor-2 and 3 metro stations. The first phase of work is progressing at a rapid pace to meet the targeted delivery

Kolkata Metro Railway Extension Project

Construction of the Metro Corridor from New Garia to Airport was conceptualized for carrying the traffic to and from Netaji Subhash Chandra Bose International Airport and other sub-urban areas surrounding Kolkata. Metro construction work from



Exhibiting the Iconic Projects in the AKAM SHOW

Kavi Subhas to Titumir (City Centre- II) has been substantially completed. An execution contract has been awarded for the stretch beyond Titumir metro station. This package-ANVS (Titumir-Airport Metro Extension) is from the existing Pier CP-760 (near City centre- II, Rajarhat) to Biman Bandar (NSCBI Airport) along Biswa Bangla Sarani and VIP Road via Haldiram Flyover. RVNL is fully committed to executing the work at a fast pace so as to complete the entire metro corridor from New Garia to Biman Bandar. Once it is completed, traffic in Kolkata will get a sea-change and the entire Kolkata will be connected with its sub-urban areas through Metro Services and the Airport will be connected to nearly all parts of the City of Joy.

RVNL commissioned the Noapara-Dakshineswar section of the Kolkata Metro Railway Extension on 22.02.2021. The new section has eased intracity & intercity commute for Kolkata. Around 50,000 daily commuters from Howrah, Hooghly and North 24 Parganas are benefitting from this north-south metro extension.



In order to mark 75 years of India's independence, the Department of Public Enterprises hosted an Exhibition on the Contribution of CPSEs in Nation-Building since Independence - Showcasing their first-in-the-country product/services under Azadi Ka Amrit Mahotsav (AKAM). The exhibition was held at the Mahatma Mandir in Gandhinagar from June 9th to June 12th, 2022

The Exhibition was launched by India's Hon'ble Finance Minister Mrs. Nirmala Sitharaman.



RVNL set up a stall to exhibit the company's triumphs, capabilities and landmark projects since its inception. Photographs and models of RVNL - implemented projects were on show. The RVNL stall was visited by Hon'ble Union Finance Minister Mrs. Nirmala Sitharaman and Hon'ble Gujarat's Chief Minister Mr. Bhupendra Patel, where Mr. Rajesh Prasad, Director of Operations, RVNL along with Mr. Prakash Jaiswal, General Manager (Project Planning and Development) RVNL and Mr. Ajay Bhardwaj Addl. General Manager (Project Planning and Development) briefed the dignitaries

about RVNL's iconic projects. The Hon'ble Union Finance minister was particularly interested in the alignment of the Rishikesh-Karnprayag New Line Project being carried out for the Chardham yatra, as well as the development of the Pamban Bridge Project.

Quality Accreditations

During the years 2021-22, RVNL also received three ISO Certifications viz. 45001:2018, 9001:2015 & 14001:2015 in the fields of Occupational Health & Safety Management Systems, Quality Management Systems and Environmental Management Systems

Future Strategy

RVNL has inked MoUs with several national and international agencies to seek potential opportunities in building a sustainable infrastructure for modern India and to implement the latest technologies in Railway maintenance. The Organization is adopting sustainable practices in building infrastructure like Green buildings, utilizing solar power etc.



THDC India Limited celebrates Azadi Ka Amrit Mahotsav



Rajeev Vishnoi
CMD, THDC India Limited

THDC India Limited is a Schedule-A, Mini Ratna leading public sector enterprise of the central power sector. The company was registered as a public limited company in July, 1988 under the Companies Act. The equity of the company is shared between NTPC Limited and Govt. of Uttar Pradesh. THDC India Limited, a premier Public Sector Enterprise of Govt. of India, has ventured into various spheres of the power sector like hydro, wind, solar and thermal power sector. THDC India Limited currently has six operational power plants viz., Tehri HPP (1000MW), Koteshwar HEP (400MW) in Uttarakhand, Dhukwan SHP (24MW) in Uttar Pradesh, Patan Wind Power Project (50MW), Devbhumi Dwarka Wind Power project (63MW) in Gujarat and Kasaragod Solar Power Plant (50MW) in Kerala and 03 under construction power projects viz., Tehri PSP (1000MW), Vishnugad - Pipalkoti Hydro Electric Project (VPHEP) 444MW in Uttarakhand and 1320 MW Khurja Super Thermal Power Project in Uttar Pradesh. With its operation power projects, THDC has a total installed capacity of 1587 MW. Along with this THDC India Limited has also ventured into consultancy services and is exploring other new business opportunities in the clean energy sector.

Brief of events by THDC India Limited on Azadi Ka Amrit Mahotsav celebrations

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to commemorate 75 years of Independence. As the nation is celebrating its glorious 75 years of freedom, THDC India Limited also celebrated its 35th Foundation day on 12th July, 2022. To mark the unforgettable occasion of India's freedom and the raising day of THDC India Limited, the company has organized, participated and planned

a number of activities and events. In this manner THDCIL is organizing the Azadi Carnival from 11th July, 2022 to 18th August, 2022 along with regular events and activities under the ambit of Azadi Ka Amrit Mahotsav.

100-foot high National Flag hoisted at THDC India Limited to mark 75th anniversary of India's Freedom

A 100-foot-high national flag post was inaugurated and the Tricolour was hoisted at THDC India Limited premises in Rishikesh under the ambit



of "Azadi Ka Amrit Mahotsav". As the nation is celebrating 75 glorious years of Independence, Shri Rajeev Vishnoi, Chairman and Managing Director, THDC India Limited inaugurated the 30x20 feet tricolour on 100-foot flag post- in the presence of Shri J. Behera, Director (Finance). During this event the students of TES High School, Rishikesh enthralled the audience with their mesmerizing rendition of patriotic songs. The programme was concluded with the singing of the national anthem. On this occasion, many senior employees of THDC were also present to witness the flag hoisting.



Participation in exhibitions under Azadi Ka Amrit Mahotsav

THDCIL participated in two mega exhibitions, 'Rise in Uttarakhand A mega exhibition' organized at Dehradun, Uttarakhand from 7th July, 2022 to 9th July, 2022 and 'Azadi Ka Amrit Mahotsav Exhibition' organized at Gandhinagar, Gujarat from 9th June, 2022 to 12th June, 2022. Hon'ble Chief Minister of Uttarakhand, Shri Pushkar Singh Dhama inaugurated THDCIL stall at 'Rise in Uttarakhand' exhibition in the presence of Hon'ble MP (Rajya Sabha), Shri Naresh Bansal. It is worth mentioning that, the THDCIL stall at 'Rise in Uttarakhand: A mega exhibition' has been adjudged as the best stall in the exhibition.



A cultural programme was organized to celebrate Azadi Ka Amrit Mahotsav

A cultural program where the wards of employees of THDC India Limited gave mesmerizing performances was organized to mark the 75th anniversary of India's independence. Various dance, singing and poetry performances were given by the participants during the cultural night programme. Shri Rajeev Vishnoi, Chairman and Managing Director was the Chief Guest during the programme.



10 KM Marathon Walk organized to celebrate Azadi Ka Amrit Mahotsav

In furtherance of the goal of Fit India under Azadi Ka Amrit Mahotsav, 10-Km Marathon Walks were organized by THDC India Limited for all the employees in the Corporate office, Rishikesh, the project offices and unit offices. Shri Rajeev Vishnoi, Chairman and Managing Director inaugurated the 10 KM marathon walk at the corporate office in the presence of Shri J. Behera, Director (Finance). About 1600 employees participated enthusiastically in these walks.



Cleanliness drive by wards of employees of THDCIL

A cleanliness drive by the wards of employees of THDCIL's Corporate Office, Rishikesh was organized under the ambit of Azadi Ka Amrit Mahotsav. Children who participated in the drive raised slogans to create awareness regarding a clean and green environment. Along with the children, their family members also participated in the cleanliness drive.



A tree plantation drive was organized to celebrate Azadi ka Amrit Mahotsav

To mark the 75th anniversary of nation's independence, THDC India Limited organized a tree plantation drive at the Tehri Hydro Power Project, Khurja Super Thermal Power Project and Vishnugad-Pipalkoti Hydro Electric Project. The project heads of various locations inaugurated the plantation drive programme by planting the samplings at the project premises. During the occasion, the employees of THDC India Limited took an oath to save the planet by planting more and more trees every year.



Screening of a film on Tehri Dam for the school students under the ambit of Azadi Ka Amrit Mahotsav

Under the ambit of Azadi Ka Amrit Mahotsav, a visit to "Trihari Jal Shakti" Museum of THDC India Limited situated at the viewpoint of Tehri Dam was organized for the students of various schools. During the visit, a film on the development of Tehri Dam was also screened for the students to make them aware of the construction of dams and their advantages in the nation's growth. During their visit to the museum, various photos and information about the development stages of Tehri Dam were briefed to the students.



Mural art on Tobacco cessation under the ambit of 'Azadi Ka Amrit Mahotsav'

Street wall painting initiative was taken by THDC India Limited under the aegis of Azadi Ka Amrit Mahotsav. A mural art was painted on the boundary wall adjacent to a highway in Rishikesh on the theme "No Tobacco" to aware and sensitize the youth pertaining to grave effects of tobacco use.

Various activities were organized under Azadi Ka Amrit Mahotsav to celebrate the anniversary of the commissioning of 1st unit of Tehri Dam

Under the ambit of Azadi ka Amrit Mahotsav and to mark the anniversary of the commissioning of the 1st unit of Tehri Dam, various activities and competitions were organized for the employees as well as the school students of nearby areas. A quiz competition was organized for the employees of Tehri Hydro Power Project, Tehri. The aim to organize

the competition was to create awareness about the dam and its features among the employees of the project. Dr. A. N. Tripathy, Addl. General Manager (HR & A- CC) also felicitated the winners of the competition.



Along with this a Rangoli competition for the students of Tehri Dam Inter College Bhagirathipuram was organized. About 20 students of Tehri Dam Inter College Bhagirathipuram participated in this competition while displaying their creative art with colourful Rangolis. During this the students were also told about the importance of the Amrit Mahotsav of freedom and were encouraged to participate more and more in such contestants.

A street play on the anniversary of the commissioning of 1st unit of Tehri Dam under the ambit of

Azadi Ka Amrit Mahotsav was also organized at Bhagirathipuram, Tehri on the theme “Contribution of Tehri dam in national development”. The development of the country was showcased by the creative presentation of this street play organized on the importance of Tehri Dam dedicated to the development of the country, renewable energy and energy conservation by the employees of THDC India Limited.

Apart from these activities, THDC India Limited has planned numerous activities across its various project offices and units to celebrate Azadi Ka Amrit Mahotsav such as Photography workshops for school students, webinars, press visit and conferences, cultural programmes, cycling competition, participation in exhibitions, Street Play for awareness regarding contribution of Tehri Dam, Webinar with Power Sector Professionals regarding the latest development in Power Sector of India, free medical camps at project sites and many more. THDC India Limited has always been committed to national growth and development. Azadi Ka Amrit Mahotsav is a national celebration in which THDC is fully immersed and is continuously and enthusiastically organizing impactful events across its various project locations. THDCIL stands firm with the nation in the celebration of Freedom @75 and in the vision of India 2.0, fuelled by the spirit of Aatmanirbhar Bharat.

Jai Hind.



WAPCOS – Celebrating Azadi Ka Amrit Mahotsav and marching ahead towards “Aatmanirbhar Bharat”



Rajni Kant Agrawal
CMD, WAPCOS & NPCC

The Government of India has taken up a momentous initiative of celebrating ‘Azadi Ka Amrit Mahotsav’ to commemorate 75 years of Independence and the glorious history of its people, culture and achievements along with launching its vision for the forthcoming years as new India 2.0.

WAPCOS & NPCC (a subsidiary of WAPCOS) having proved its credentials, backed up efficacious past, have aligned their vision to achieve greater heights and contributing towards the objectives of further growth and prosperity of the Country, the new India, with ‘Aatmanirbhar Bharat’ as its pivotal theme, through accelerating, strengthening, consolidating and diversifying core technical competence in Water, Power and Infrastructure sectors. WAPCOS now is in the process of merging its subsidiary Company, NPCC with WAPCOS, to create a bigger conglomerate for rendering infrastructure services in a big way, as a Construction Giant including the execution of EPC projects.

WAPCOS is fortunate to have been actively involved in AKAM Mega event at Mahatma Mandir, Gandhinagar, Gujarat recently.



Inauguration of AKAM Mega week events by Finance Minister and Chief Minister, Gujarat.

It was a great opportunity and unique event of its kind to discuss future vision of CPSEs to make India Aatmanirbhar in unified manner.

An exhibition on ‘Nation Building and CPSEs’ was setup by WAPCOS to present its contribution for the betterment of the society in India and Abroad. WAPCOS & NPCC have rendered Services for execution of numerous Mega Projects of National repute in India and internationally proclaimed projects abroad, which are milestones in developmental history of India and were portrayed in the exhibition.

Participation in workshop as Corporate Social Responsibility organised on the occasion of Azadi Ka Amrit Mahotsav was very effective especially for the development of Aspirational Di-stricts. WAPCOS is actively involved in a number of Corporate Social Responsibility (CSR) activities, besides maintaining a healthy environment and ecological balance. The focused sectors for which WAPCOS is implementing CSR activities include Health & Nutrition, Water Conservation, School Education, Women Empowerment, Skill Development, Environmental



WAPCOS team at exhibition during AKAM Mega Week at Gandhinagar.

Sustainability, Swachh Bharat activities, Sanitation and Rural Development etc. More than 25,000 beneficiaries have been benefitted through CSR activities in various fields during the last three years itself. Through CSR activities, WAPCOS has targeted the people struggling to meet their basic necessities of life and economically backward sections of the society.

The workshops focussing vendor interface with CPSEs, issues and suggestions on public procurement, TReDs portal, GeM features proved to be grand success, as a step towards information dissemination and streamlining amongst various CPSEs. WAPCOS has actively implemented these mechanisms from time to time, in its procurements processes. Currently, WAPCOS is making its procurements through ePROCUREMENT and GeM portal suitably.

WAPCOS organised the tree plantation drives at its Corporate Office and 9 project offices across India wherein more than 100 trees were planted at various locations to promote environmental sustainability.



WAPCOS has been providing Engineering Consultancy in Water, Power and Infrastructures covering all aspects of Client's requirements and working in close coordination and on strategic projects with MoJS, MHA, MEA, MoD, MoRTH, Ministry of Power, Ministry of Tribal Affairs and many more.

WAPCOS over the years has spread its wings not only in all States & UTs of India but also in more than 50+ Countries abroad. Since its inception in 1969, WAPCOS has exhibited core technical excellence and has successfully executed more than 910 Water Resource projects, 220 Power projects, and 715 Infrastructure projects in India and abroad.



Similarly, NPCC has successfully executed more than 2,000 projects & some of them being in remote, challenging, and difficult locations of the country.

WAPCOS is backed up by unflinching support and linkages with many other Govt. agencies in India including Central Water Commission (CWC), Central Electricity Authority (CEA), Survey of India (SOI), Geological Survey of India (GSI), Central Ground Water Board (CGWB), Central Soils and Materials Research Station (CSMRS), Central Water and Power Research Stations (CWPRS) etc. to provide befitting techno-commercially viable project solutions of interdisciplinary in nature.

WAPCOS is also closely associated with Premier International Sector Leaders of the countries including Japan, South Korea, Austria, Norway, United Kingdom, Republic of Turkiye and Israel through MoUs, which lays, strong foundation for multi-lateral ties of relationship. This association places WAPCOS with unmatched credentials not only abroad but also in India.

WAPCOS has noted prominent activities and ideas of other PSEs towards Nation building and deliberated its contribution since its inception in the Round Table Conference held during the event. WAPCOS has taken the task as envisioned by Hon'ble Prime Minister Shri Narendra Modi and Hon'ble Union Minister for Finance and Corporate Affairs, Smt. Nirmala Sitharaman to become a global leader in Water, Power and Infrastructure Sectors as a central core competency, promoting brand India.

WAPCOS is set to accomplish the goal of fuelling India with affordable, clean, and green energy, with the aim to meet India's increased demand for power and reduce carbon footprints. The integration of mega water, power and infrastructure projects with green technologies is a need of hour. Up scaling of



CMD, WAPCOS with Hon'ble Finance Minister and Hon'ble Chief Minister, Gujarat.

business and operation in renewable energy sector is being explored and shall be taken forward for the sunrise sectors growth including green energy, green buildings, geospatial systems, clean mobility systems, efficient water management, land reclamation etc. by adopting low carbon and climate resilient pathways contributing towards nation's

Climate Change Mitigation Program.

WAPCOS is committed to expand the horizons in technologically driven focus areas, which shall shape the Country's economic scenario, to a large extent, in forthcoming years. WAPCOS has envisioned the roadmap to intensify its participation in all the sector related Government Schemes/ Missions through expansion of its operation in almost all States & UTs of India. WAPCOS is targeting to tap projects in the rest of the World including South American and European Countries, the CIS region, and Oceania.

WAPCOS has prepared its roadmap for the next 25 years guided by aspirations for India@2047 to contribute in attaining new heights of prosperity and making future ready India. WAPCOS is geared up to stretch its wings and increase the Geo-strategic reach by expanding its business operations from present 50 to 125+ Countries of the World, with state-of-the-art, upcoming next-generation technological practices. ■

MOIL organised activities in order to comply Azadi Ka Amrit-Mahotsav



M. P. Chaudhari
CMD, MOIL

With reference to Ministry of Steel, Govt. of India guidelines MOIL is observing a one-year celebration program on Azadi Ka Amrit Mahotsav (Commemoration of 75th Anniversary of India's Independence) from 15th August, 2021 to 15th August, 2022. For this celebration purpose throughout

the year, activities like – Massive tree plantation drive, Sports activities (Cricket match between Employee & Management), Road awareness rally and CPSEs exhibition at Gandhinagar, Gujarat on the theme of Azadi Ka Amrit Mahotsav, have been conducted. Major number of officers, staff, piece rated workers, union

representatives, associates and stakeholders including MOIL's Chairman and Managing Director, Shri Mukund P. Chaudhari have been participated at the aforesaid programs with full zeal and zest. The activity wise photos of MOIL, CMD's participation are as below:



Tree Plantation Drive.



Friendly Cricket Match.



Road Awareness Rally.



Participated at CPSEs exhibition at Gandhinagar, Gujarat.

CPCL celebrates Azadi Ka Amrit Mahotsav



Arvind Kumar
MD, CPCL

Chennai Petroleum Corporation Limited (CPCL) is celebrating Azadi Ka Amrit Mahotsav (AKAM) with fervor in all its activities, fuelled by the spirit of Aatma Nirbhar Bharat. CPCL has always been contributing unflinchingly towards nation building and in the same spirit, we have taken the lead in celebrating this momentous occasion of India's 75th year of independence. The activities during the celebration are focused on themes of Action@75, Achievements @75, Ideas @75, Resolve @75, Innovation, Operational Excellence, Aatma Nirbhar Bharat, Environment, Sustainability, etc. Apart from leveraging the traditional means for reaching the stakeholders, CPCL is also using more new-age mediums including social media handles, the company's website intranet site etc. to spread a large bouquet of information about the activities carried out by CPCL to promote AKAM. Presented here are some glimpses of activities carried out by CPCL as a part of celebrating 75 years of India's Independence.

SAKSHAM Activities



SAKSHAM 2022, A flagship public awareness campaign by the Petroleum Conservation Research Association (PCRA) under the aegis of the Ministry of Petroleum and Natural Gas (MoPNG) was celebrated on 11th April, 2022 at CPCL to spread the

message of Oil & Gas conservation with the tag line "Azadi Ka Amrit Mahotsav through Green and Clean Energy". The program emphasized the fact that Energy Conservation is the foundation of energy independence and the importance of energy basket transition to non-renewable energy resources combined with green and clean fuel technology. A Cyclothon was organized on 17th April, 2022 in support of the initiative in which around 600 participants from all walks of life enthusiastically took part in the 5 KM rally to spread awareness of energy conservation. The event highlighted today's scenario of highly depleted non-renewable resources and added that saving fuel not only helps to contribute towards conserving resources but also controlling pollution.

A technical meet was also organised on 28th April, 2022 by CPCL as part of SAKSHAM 2022 to propagate Oil & Gas conservation. To infuse the idea



of celebrating 75 years of Indian Independence, about 75 direct customers of CPCL buying various specialty products like cracked LPG derivatives (Downstream Industries in Manali) and other end-user customers, Small, Medium and Large scale sectors attended the technical meet. It was well represented by top officials of downstream industries in Manali as well as from Govt. agencies like National

Small Industries Corporation (NSIC) & The Tamil Nadu Small Industries Development Corporation Limited (SIDCO).

Industrial Meet on Cathodic Protection System



A technical session was arranged on “Cathodic Protection System” at CPCL’s Refinery Engineering School of Training (RESOT) Centre, Chennai on 25th May, 2022 as a part of skill development activity under the aegis of AKAM. Experienced faculty from National Association of Corrosion Engineers (NACE), India made a presentation and held interactive session with the participants from Engineers India Ltd., Mc. Dermott, Tata Consulting Engineers and from Petrochemical industries, viz., Manali Petrochemical Ltd., Tamil Nadu Petro Products Ltd., Indian Additives Ltd., Madras Fertilizers Ltd., Kothari Petrochemicals, Cetex Petrochemicals Ltd., Toshiba and Raj Petro Specialities Pvt Ltd.

Towards Skill development - Electrical Safety Awareness Programme

A technical session on “Electrical Safety Awareness”



was organized in association with Central Electricity Authority, Regional Inspectorial Organization South RIO(S), for the benefit of professionals working in Maintenance, Projects & Operations of CPCL

and other neighboring industries at CPCL’s Refinery Engineering School of Training (RESOT) Centre on 26th May, 2022 under the aegis of AKAM as a part of skill development. The participants were appraised about the importance of electrical safety, precautions to be taken against electrical hazards and how earthing plays an important role in any electrical system.

Study Group Visit to Refinery



CPCL considers that knowledge becomes more powerful when it’s shared. As a part of imparting knowledge and awareness to younger generations, CPCL organized study tour visit on 7th June, 2022 for around 375 students from various engineering colleges and Polytechnic college in Chennai. The students were briefed about the various primary and secondary processes involved in crude refining and the array of products produced in the refinery. They were also appraised on role of CPCL towards ensuring energy security of the country. The students were also briefed on CPCL’s journey since inception and its contribution towards nation building through its various contributions from cottage industries to the defense sector.

AKAM Exhibition on Nation-building and CPSEs at Gandhi Nagar, Gujarat

CPCL proudly participated in the exhibition on “Nation-building and CPSEs” organized by DPE, SCOPE under the aegis of Azadi Ka Amrit Mahotsav. CPCL showcased its contributions towards nation-building and energy security since independence and exhibited its first-of-its-kind initiatives. The program emphasized the importance of public sectors being an integral part of the Nation’s growth saga and witnessed the enthusiastic participation of CPSEs from various sectors. The exhibition was



organized as a 4-day event at Mahatma Mandir Convention and Exhibition Centre, Gandhi Nagar, Gujarat between 9th to 12th June, 2022.

Leadership Development Programme for Women Executive



CPCL believes in empowering women workforce to manage disruptive forces which have accelerated the way organizations innovate and operate. Hence Leadership development programs are imparted to provide the agility to navigate the complexity of leading in a world of constant change, the acumen to inspire high-impact ideas through purposeful inquiry, turn data into actionable insights and multidimensional problem solving. On 9th June, 2022, CPCL organized a programme on Leadership Developments as an Intervention for Organizational Excellence for Women Executive as a part of skill development. Renowned faculty from Jaipuria Executive Education & Training (JEET) center provided an insight on leadership development & how to identify and approach leadership development initiatives to create value in the organization.

'HarGharTiranga' Campaign for Women Workers of CPCL

As a part of Azadi Ka Amrit Mahotsav, the Ministry of Culture, Government of India planned a large-scale



campaign to encourage Indians to fly the national flag at their homes to mark the 75th Independence Day. Accordingly, CPCL organized an awareness campaign among the Contract Women workers on 4th July, 2022 to inspire them to hoist the national flag as a part of 'HarGharTiranga' programme. The idea behind this initiative is to invoke the feeling of patriotism in the hearts of citizens and promote awareness about our national flag.

Medical Camp for Contract Women Workers of CPCL



As a part of AKAM celebration, Women Cell of CPCL has organised a medical camp for contract women workers along with Occupational Health Services from 4th to 8th July, 2022. The idea behind this camp is to create awareness about importance of women's health and to conduct health check-up for contract women workers. Medical examination was also done and the required medicines were distributed free of cost. Around 75 contract women workers were screened and benefited through the programme.

As we celebrate India@75 and envision India 2.0 through Azadi Ka Amrit Mahotsav, CPCL join hands with the nation in building an Aatma Nirbhar Bharat. Wishing you all a happy Amrit Kaal of India's glorious Independence. ■

Andrew Yule celebrates Azadi Ka Amrit Mahotsav



Sanjoy Bhattacharya
CMD, Andrew Yule

It was on the 12th of March, 1930 that Father of the Nation Mahatma Gandhi started his Dandi Yatra from Sabarmati Ashram for the awakening of self-reliance and self-respect amongst the people of the Country.

This very date i.e. 12th March of the year 2021 was chosen by our Hon'ble Prime Minister Shri Narendra Modi to flag off the celebrations commemorating 75 years of India's Independence. The celebrations have been titled "Azadi Ka Amrit Mahotsav" and have been dedicated to the people of India who can align themselves with the vision of the Hon'ble Prime Minister for an "Aatma Nirbhar Bharat".

The unveiling of "Azadi Ka Amrit Mahotsav" by the Government of India was a major initiative taken by the Government for celebrating 75 years of its Independence. The celebration enunciates the achievements of our nation which has a rich history and cultural heritage. The focus is on the Hon'ble Prime Minister's vision of India 2.0 which can be achieved through the spirit of self-reliance or "Aatma Nirbhar Bharat". The Public Sector Enterprises have played an important role in the socio-economic growth of the

nation and have been actively involved in the celebrations of "Azadi Ka Amrit Mahotsav".

Our Company being a uniquely diversified PSU having interests in the Tea, Electrical and Engineering industries have made an earnest endeavor to celebrate "Azadi Ka Amrit Mahotsav" throughout the organization. The allotted week for the Company's celebration was from 10th to 16th January, 2022 and various activities were undertaken at all levels throughout the Organization to celebrate 75 years of India's Independence.

The celebration encompasses within it fold various activities viz. webinars, discourses, drawing competitions, quiz contests "Fit India" Runs, Rendering of National Anthem, cleaning and disinfection drive at the Tea Estates etc.

The theme for the first day of the Azadi Ka Amrit Mahotsav (AKAM) week i.e. 10th January, 2022 were Idea@75 & Achievement@75. A webinar was held throughout the organization on "Industrial Development with Sustainability". A presentation was given by the Company's Engineering Division on "Value Engineering". A Tree Plantation Programme was organized and

approximately 500 saplings were planted at the premises of the Kalyani Works of Engineering Division. Cultural Programmes were organized at all establishments of the Company and participation of the employees was quite noteworthy.

The theme for the second day's programme was Action@75 – Swachh Bharat. A special cleaning drive was also undertaken at all establishments of AYCL. A webinar on the theme of "Swachh Bharat & Cleanliness related issues" was organized and there was active participation by the employees throughout the Organization. A Slogan writing competition on 'swachh' was held at different locations of the Company.

"Revolve@75-Sector Specific Aspirations" was the topic for the third day i.e. 12th January, 2022. Accordingly, a webinar was organized on the topic – "Sector Specific Aspiration: Tea Industry, a vehicle for the economic development of the tribal population in Assam and West Bengal". Quite a number of executives of the Company, particularly the tea gardens participated in the webinar. An Idea Generation challenge for tea quality improvement was organized amongst the

employees of the Tea Division of the Company. On 13th January, 2022, a Customer / Stakeholders meet was organized by the Engineering Division of the Company through a Webinar on 'Import Substitution'. The apprentices engaged in the Company took part in a competition where they could display their skills.

On the 5th day of the AKAM Week the topics which were taken up considered were "Remembering forgotten freedom fighters of Assam/Bengal" and the "Freedom Struggle Movement". A discourse was given by school teachers at the various schools of the company in its Tea estates in Assam and West Bengal. An interactive session was also held with the students which were followed by a Quiz Contest. A Webinar was undertaken on the 'Contribution of women in the Freedom Struggle

of India' at all establishments of the Company. The AKAM Film and videos on freedom struggle were screened at different locations of the Company.

On 15th January, there were two themes i.e. Ideas@75 & Action@75. A drawing competition on the theme of "Peace and Unity" was held at the tea garden schools. A Blood Donation Camp was organized at Engineering Division of the Company & a total of 53 employees donated blood.

On 16th January, the AKAM Week celebration concluded with the theme Action @75 - Swastha Bharat, Ayushman Bharat, Aarogya Bharat. As the age old saying goes that 'Health is Wealth', the focus on this day was on 'Health'. A Fit India Run was organized and employees across the organization participated by running a good distance at their respective place by

posting. Banners were displayed at several areas and placards were placed at vantage points displaying the AKAM logo. Talks on health issues were held by the in-house doctors. A Yoga session was also held in the organization which saw a lot of enthusiastic participants.

All in all, the "Azadi Ka Amrit Mahotsav" celebration was a great success which witnessed active participation by the employees throughout the organization. The mass participation by the employees and the willingness shown by them in the activities in which they participated vindicates the fact that the spirit of the nation has been re-kindled and is in alignment with the Hon'ble Prime Minister's vision of India 2.0. I am quite sure that we are not far away from the day that we will be an "Aatma Nirbhar Bharat". ■



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charge Chairman and Managing Director
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Mr. Rajarshi Gupta
assumes charge as
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of ONGC Videsh Limited.



Mr. Jaikumar Srinivasan
assumes charge as
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Mr. M. K. Mishra
assumes charge as Chief Executive
Officer of Hindustan Aeronautics
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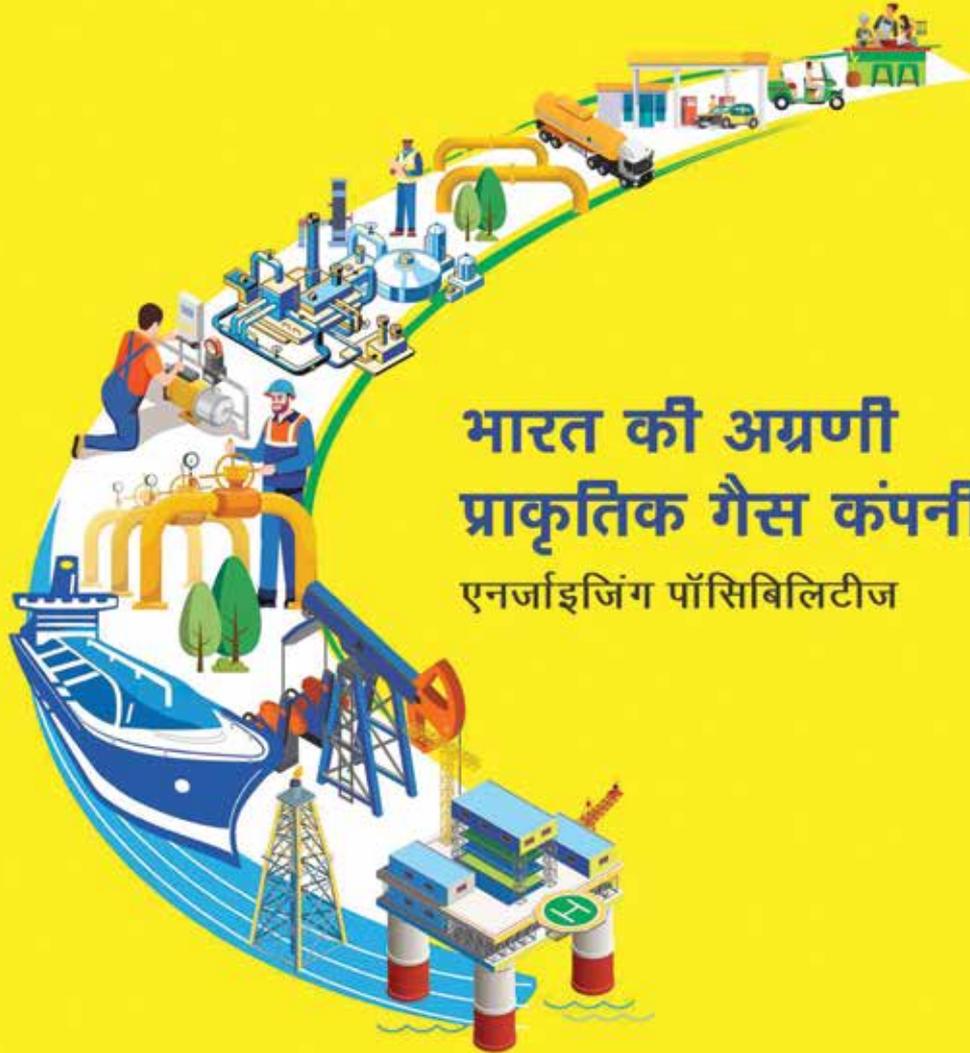
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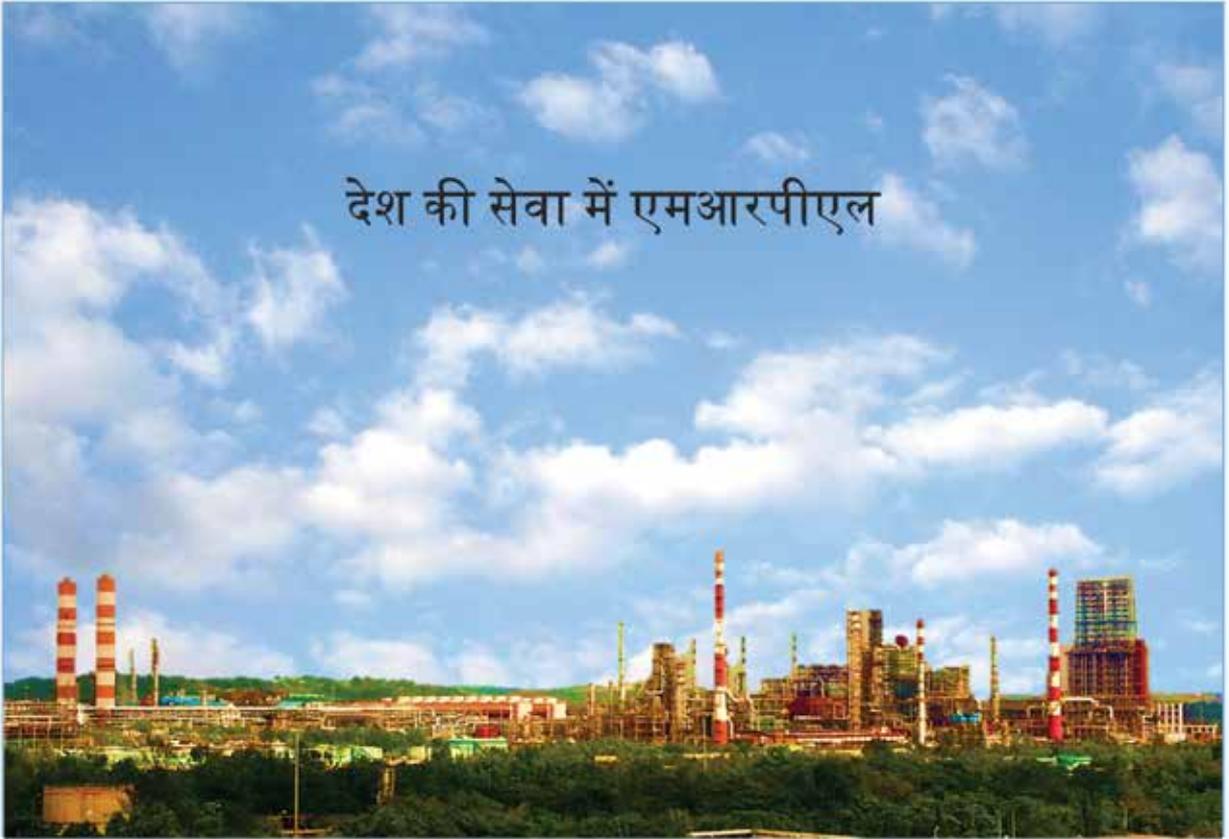
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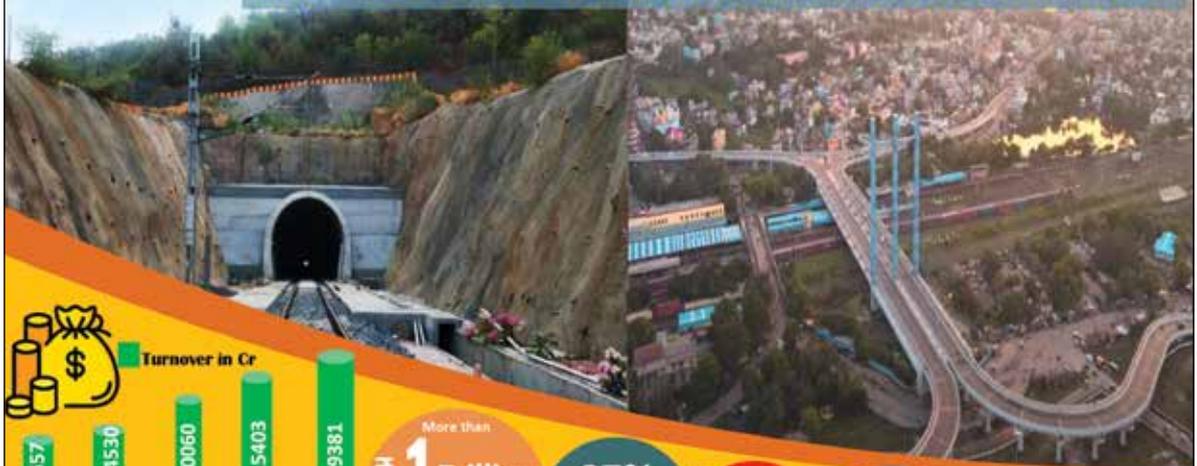
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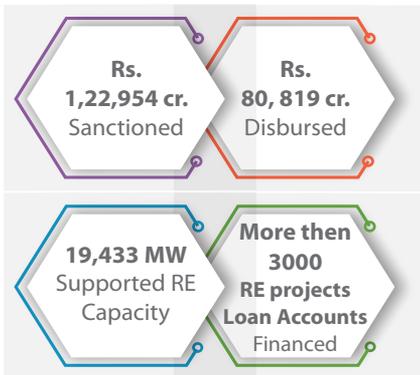


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