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October - December 2020, Vol. 69

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House Journal of Numaligarh Refinery Limited

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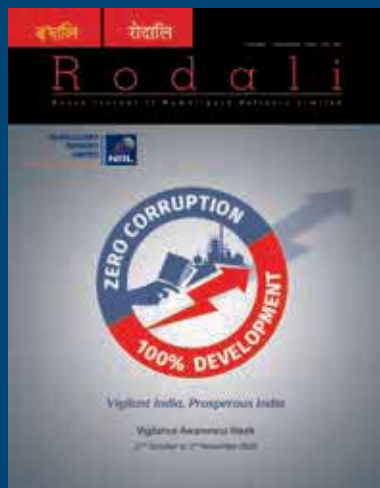
A COMMITMENT TO EXCELLENCE



Vigilant India, Prosperous India

Vigilance Awareness Week

27th October to 2nd November 2020



CONTENTS

Performance Highlights	1
NRL News	2
People	18
In touch with	20
From the Archives	22
Club News	23
DPS News	27
VK NRL Hospital	29
BPCL News	30
BCPL News	32
Hindi Section	33
Assamese Section	35

Rodali : October - December 2020

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From the Desk of the Editor

Dear Readers,

We have come to the end of an extraordinary year in the living history of mankind. The COVID-19 pandemic that unleashed itself in full force during 2020 has touched and transformed every aspect of life, work and businesses around the globe. On a pensive note, it has led us all to introspect on the fragility and vulnerability of human life, teaching us valuable lessons on resilience in the face of adversity and triumph of the human spirit. It has also underscored the need to prioritize our health and wellbeing so that we can lead a wholesome and balanced life. Now that we have stepped into another new year and are almost back to our pre-pandemic routines, let us hope and pray that 2021 turns out to be a year of redemption and healing.

Our Refinery Expansion Project gathered steam with many new enabling developments taking place during the quarter including *Bhumi Puja* for the land for setting up LPG facilities in Dabidubi and signing of a couple of strategic MoUs including with GAIL for Pipeline Right to Use (RoU) sharing and OIL for Pipeline capacity augmentation. Hon'ble Secretary DPE, Govt. of India Shri Sailesh's visit to NRL Corporate Office to review the Company's Capital Expenditure was a manifestation of the earnestness of the Govt. of India to put the economy back on rail post disruptions caused due to COVID-19. A host of digital innovations were also activated in this quarter including SAP Hana migration kickoff and J5 integrated operations management solutions, which will hold us in good stead as we progress.

In a world connected by digital technology, the company website is the most important interface that connects people with us. We welcome you to a brand new avatar of NRL website www.nrl.co.in with enhanced look & feel and easy navigability; leveraging on the best that technology has to offer.

The *Janandolan* campaign launched by Hon'ble Prime Minister during October to raise awareness about the need to remain guarded against COVID-19 by following all necessary protocols was propagated in NRL in the right spirit involving all stakeholders as featured in this issue of Rodali.

Moving ahead, let us resolve to scale up our personal excellence quotient in order to meet the ambitious targets that have been rolled out for 2021.

I sincerely hope you will enjoy reading this issue of Rodali.

Stay connected, stay safe and stay motivated!

Warm regards,

Madhuchanda Adhikari

Highlights of NRL's performance during Q3 of FY 2020-21

Capacity Utilisation

Refinery Crude throughput during the third quarter of the fiscal was 722 TMT reflecting a capacity utilization of 96%. Cumulative Crude throughput during the year upto Dec'20 was 1,990 TMT (88% capacity utilization).

Production Efficiency

Distillate Yield during Oct-Dec'20 and Apr-Dec'20 were 87.07% and 85.88% respectively. Distillate Yield during corresponding period of previous year was 89.10%.

Specific Energy Consumption (SEC) during Oct-Dec'20 and Apr-Dec'20 were 63.19 MBN and 64.6 MBN respectively. MoU target of SEC for the period 2020-21 is 64.65 MBN. SEC during corresponding period of previous year was 63.9.

Similarly, Energy Intensity Index (EII) recorded during Oct-Dec'20 and Apr-Dec'20 were 85.33 and 89.1 respectively vis-à-vis internal target of 87.0. EII during corresponding period of previous year was 86.0.

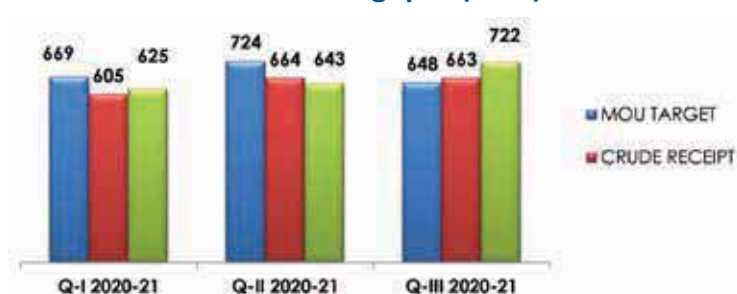
Capital expenditure

Capital expenditure during Apr-Dec'20 was ₹624 Crore against annual MoU target of ₹620 Crore.

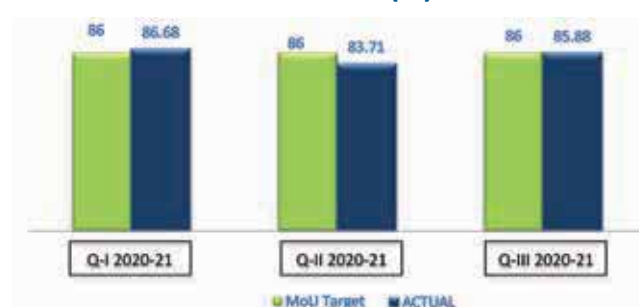
Financial Performance

- Sales turnover during the third quarter of the FY 2020-21 was ₹5,336 Crore while for the period April-Dec'20 was ₹13,009 Crore which is higher by around 17.39% as against ₹11,081.77 Crore of the corresponding period of the previous year.
- Gross Refining Margin during Oct-Dec'20 and Apr-Dec'20 were \$0.82 per bbl and \$1.44 per bbl respectively compared to \$9.89 per bbl in the corresponding period of previous year.
- PBT during Oct-Dec'20 and Apr-Dec'20 were Rs. 1,127 Crores and ₹2,810 Crore.
- PAT during Oct-Dec'20 and Apr-Dec'20 were recorded at ₹841 Crore and ₹2,085 Crore respectively.

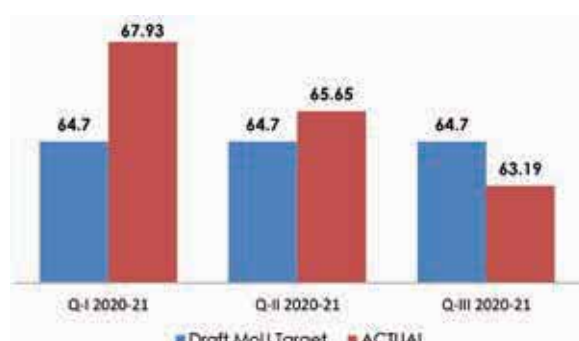
Crude Throughput (TMT)



Distillate Yield (%)



Specific Energy Consumption (in MBN)



Sales Turnover, PBT & PAT (in ₹ Crore)



MoU with CSIR-NEIST for technical collaboration

NRL joined hands with CSIR-NEIST for enhancing engineering and technological competence on its R&D effort. A Memorandum of Understanding (MoU) between NRL and CSIR-NEIST was signed on 21st October 2020 to develop a framework for collaboration between NRL and CSIR-NEIST. The agreement was signed by NRL General Manager (Speciality Chemical), Mr. Ghanashyam Hazarika and Director, CSIR-NEIST, Dr. G. Narahari Shastri in presence of NRL

Sr. CGM (Corporate Affairs), Mr. Nikunja Borthakur, SCGM (CA) and other senior officials from NRL and CSIR- NEIST.



Agreement with GAIL for Pipeline Right to use (RoU) Sharing

A historic Pipeline Right to Use (RoU) sharing Agreement was inked between NRL and GAIL (India) Limited on 14th October 2020 at New Delhi. The agreement, a win-win for both the sides was signed by GM (Project) NRL - Mr. P.J. Sarma and GM (Projects), GAIL - Mr. K.K. Sachdeva in presence of MD NRL - Mr. S.K. Barua and CMD GAIL - Mr. Manoj Jain in presence of Directors of GAIL and senior Officials of both the organizations.

Under the agreement, both the companies shall share a common Right to Use (RoU) for laying their respective pipelines for a stretch of 550 Km from Purnia in Bihar to Guwahati in Assam.

GAIL is laying its Barauni - Guwahati pipeline (BGPL), which is a part of Jagdishpur - Haldia & Bokaro - Dhamra Natural Gas (NG) Pipeline Project, popularly known as 'Pradhan Mantri Urja Ganga' extended up to Guwahati to supply Natural Gas to pipelines under North East Gas Grid (NEGG).

NRL is also laying its 1,630 Km long Paradip Numaligarh Crude Pipeline (PNCPL) originating from Paradip Port, traversing through the States of Odisha, West Bengal, Jharkhand, Bihar and Assam that terminates at its refinery at Numaligarh (Assam). The pipeline project is part of the mega Integrated Refinery Expansion project from 3MMTPA to 9 MMTPA currently under implementation at a project cost of more than Rs. 22 thousand Crore.

The sharing of the pipeline RoU shall help in optimization of land acquisition for pipeline laying. Both the companies shall also be benefited in terms of resource sharing during execution and operation of the respective pipelines.

Speaking on the occasion Sr. CGM Projects – Mr. A.P. Chakravarty said, 'It is indeed a very happy occasion. A culmination of a long drawn endeavour with the active support and action of all departments – Finance, Commercial, Legal and active guidance, support and direct involvement of the MD, DT and DF'



MoU Signing



A warm welcome being extended to MD, Mr. S.K. Barua by GAIL authorities

MoU with Oil India Limited (OIL) for augmentation of pipeline Capacity

NRL and Oil India Limited (OIL) entered into an MoU on 18th December 2020 to augment OIL's existing pumping capacity through Numaligarh Siliguri Pipeline (NSPL) and increase product evacuation from 1.72 MMTPA to 5.50 MMTPA. The capacity enhancement of NSPL that carries Motor spirit (Petrol), HSD (Diesel) and SKO (Kerosene) is expected to be commissioned by latter part of 2024 to synchronize with the commissioning of the NRL mega Refinery expansion project of from existing 3.0 MMTPA to 9.0 MMTPA.

Mr. M. K. Pegu, Head (Project Pipeline) NRL and Mr. Sandip Goswami CGM(OPS) Pipeline from Oil India Limited signed

the MoU in presence of Honorable Secretary, Department of Public Enterprise, Govt. of India- Shri Sailesh; MD NRL -Mr. S K Barua; CMD OIL -Mr. SC Mishra; Director (Technical) NRL - Mr. B.J. Phukan; Director (Finance) NRL- Mr. Indranil Mittra; Director (Finance) OIL -Mr. Harish Madhav and senior officials of both the Companies at NRL Corporate Office, Guwahati.

This arrangement will help NRL in product evacuation post Refinery expansion and accordingly OIL will replace NRL as project proponent for monitoring of the product pipeline project under National Infrastructure Projects (NIP).



Picture Speak



MD Mr. S. K. Barua presides over the Apex Review Meeting on Pipelines and COIT (Crude Oil Import Terminal) project at EIL New Delhi on 14th October 2020

Hon'ble CM performs Bhumi Puja in Dabidubi Land for setting up LPG facilities

It was a Red Letter day in implementation of NRL's mega Refinery expansion Project as Hon'ble Chief Minister of Assam Shri Sarbananda Sonowal performed Bhumi Puja in a plot of land measuring 362 bighas to mark the inauguration of constructing LPG storage and bottling facilities at Dabidubi in Golaghat district on 21st October 2020.

With bottling capacity of 12,500 LPG cylinders per day and storage capacity of 24,000 MT, the facility is expected to go

a long way in catering to LPG demands of the region, while also decongesting refinery post expansion.

Assam Industries and Commerce Minister Shri Chandra Mohan Patowary, Agriculture Minister Shri Atul Bora, Khumtai MLA Shri Mrinal Saikia, Chairman ATCL Mr. Amiya Kumar Bora along with MD NRL Mr. S K Barua, Director (T) NRL Mr. B J Phukan, Director (F) NRL Mr. Indranil Mittra and senior functionaries along with a host of dignitaries were present on the occasion.

The plant, targeted to be completed in three years, is likely to give direct and indirect employment to several hundred youths of the state.

Hon'ble Chief Minister, while taking a look at the project, lauded NRL for taking initiatives in setting up the project. He also asked them to complete the project within the stipulated time frame so that people in general can reap the benefits of the expansion plan of the NRL which was announced by Prime Minister Narendra Modi-led central government in 2019.



Hon'ble CM of Assam Shri Sarbananda Sonowal graces the Bhumi Puja ceremony of Dabidubi land on 21st October 2020



Dabidubi land was handed over by Golaghat Distt Administration to NRL on 13th October 2020



Secretary DPE, GoI visits NRL Corporate Office, reviews Capital Expenditure (CAPEX) Projects

Shri Sailesh, IAS-Secretary to the Government of India, Department of Public Enterprises, Ministry of Heavy Industries & Public Enterprises visited NRL Corporate Office at Guwahati on 18th December, 2020 for review of Capital Expenditure(CAPEX) plan of OIL & NRL for the financial year 2020-21. He was extended a warm welcome by MD NRL - Mr. S.K. Barua & CMD OIL - Mr. Sushil Chandra Mishra. The meeting was also attended by Dr. M Ariz Ahammed, IAS -Principal Secretary, Govt. of Assam, Public Enterprises; Director (Technical) NRL- Mr. B.J. Phukan; Director (Finance) NRL- Mr. Indranil Mittra; Director (Finance) OIL -Mr. Harish Madhav and senior officials of both the Companies. Secretary DPE took stock of the CAPEX plans of both the companies in the current fiscal

and beyond and stressed upon the need to speed up the same as envisioned by the Govt. of India in order to boost the economy and sustain the momentum of its revival in the aftermath of COVID-19.

NRL will spend an amount of Rs. 949 Crore in the current financial year for its capital projects. The company has embarked on major projects viz. Refinery Expansion Project from current 3 MMTPA to 9 MMTPA which includes laying of 2200 KM of Crude Oil Pipeline from Paradip port, Odisha to Numaligarh in Assam and Product Pipeline from Numaligarh to Siliguri in West Bengal and associated facilities like Crude Oil Import Terminal at Paradip port. NRL is also laying the 130 KM transnational Indo Bangla Friendship Pipeline (IBFPL) from its Marketing Terminal at Siliguri to Parbatipur in Bangladesh. Other than the above, NRL holds equity stake in two important ongoing JV projects including M/s Assam Bio Refinery Pvt. Ltd. (ABRPL) which is implementing the first bamboo-mass Bio Refinery in the country and M/s Indradhanush Gas Grid Limited (IGGL) which is implementing North East Gas Grid connecting all the eight capitals of NE states with National Gas Grid. The pipeline will also cater to the industrial customers in the NE states including NRL.



New look NRL website launched

The new look website of our Company NRL www.nrl.co.in was formally launched by MD Mr. S.K. Barua in

presence of Director (Technical) Mr. B J Phukan, Director (Finance) Mr. I Mittra, Functional and Department Heads



Revamped website inaugurated by MD Mr. S. K Barua during the FCM on 3rd December 2020 at Numaligarh

on 3rd December 2020 during the Functional Coordination Meeting held in Numaligarh. An initiative of Corporate Communications Department with technical support of IIS Department, the website is supported by the latest in website technology and meets the latest Guidelines of

Indian Government Websites (Version 2.0) released on Feb 2019. With focus on content and aesthetics in equal measure, NRL's brand new website has a streamlined navigation structure and is optimized for all devices with a highly secure architecture.

Digital initiatives

SAP HANA migration starts in NRL

S/4 HANA migration project commenced in NRL on 15th December 2020 through a virtual kick off meeting on Microsoft teams. HANA is an in-memory database developed by SAP, suitable for analytical operations.

MD Mr. S . K Barua, DT Mr B J Phukan and DF Mr. I Mitra were present at the meeting and share their views on how the new system would improve overall performance of SAP applications in the organisation.

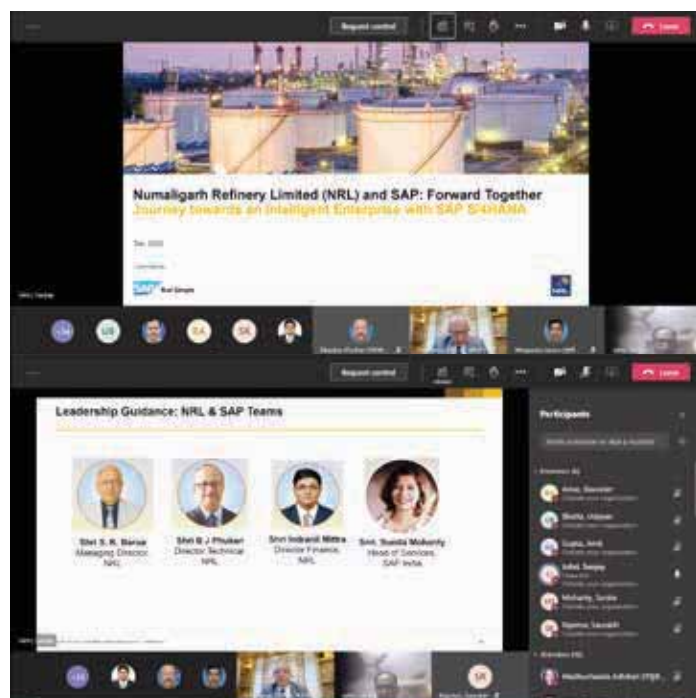
From SAP side, Ms. Sunita Mohanty, Head of Services SAP India elucidated about the way forward and benefits of migration to HANA.

So far, SAP has been used as transaction processing system in day to day operation, having integration with peripheral systems like Terminal Automation System(TAS), IP21 process historian etc. Over the period, substantial data growth has occurred in the transactional ERP system as

well as in the peripheral systems. The need for a system, capable of drawing information out of the data for further optimization of resources and improvement of performance is felt.

HANA is an acronym for High Performance Analytical Appliance. As the name suggests, it will improve performance due to its ability to process data faster with embedded analytical capability. Following benefits shall be derived from S4 HANA migration project;

- Mobility of data access through device agnostic Fiori application. SAP data will be accessible on mobile phones and tablets in addition to laptops and desktop computers.
- Real time monitoring of the KPIs.
- Dynamic reporting with analytical and graphical view of data.



Snapshots of SAP HANA kickoff meeting held virtually on 15th December 2020

NRL implements J5 Integrated Operations Management Solution by Hexagon

As a part of NRL's digitalisation journey to boost efficiency, productivity, and quality across industrial operations at plant, NRL has implemented Operation Management Solution j5, by Hexagon's PPM, a global leader in software and autonomous solutions to ensure safe, efficient, compliant operations of their industrial sites. On 23rd of December 2020, MD Mr. S.K. Barua inaugurated the solution in presence of Director (Technical) Mr. B.J. Phukan, Director (Finance) Mr. Indranil Mitra and other senior officials of NRL and Hexagon. The implementation will enable electronic and mobile Operations Management System (OMS) that is easy and intuitive, enabling improvement in work efficiency, significant reduction in business hours by enhancing operator skills and supporting technology adoption. It would also have a more robust stable, advanced business operations and technology transfer to young staff by having digitized shift handover with digital shift operations log, work & standing instructions. The OMS also have working interfaces with Historian and ERP modules.

NRL will follow a phased approach for OMS deployment and has kicked off the implementation with five units – Power and Utility, DHDT (Diesel Hydrotreater), Hydrocracker, SDU and Marketing Terminal. Refinery wide implementation of the solutions is planned soon.

Hexagon's j5 OMS will empower NRL team with advanced business operations and technology transfer capabilities. j5 Shift Handover will improve shift-to-shift communication and reduces the risk of hazardous incidents, equaling industry wide shift handover recommendations by experts. j5 Mobility will allow personnel to collect measurements or observations in the field with industry-standard mobile devices. j5 Mobility will also be used to record manual data in field that is missing from industrial software like Data Historians.

On the occasion of go live function at NRL Central control room our MD Mr. S.K. Barua congratulated team NRL and Hexagon and said 'NRL is adopting multiple digital initiatives to improve productivity and bring agility business decisions and solutions like j5 operations management will accelerate and support our digital transformation by enabling us to optimize our business operations.'



MD Mr. S.K. Barua inaugurating the Operation Management Solution j5, by Hexagon's PPM in presence of Director (Technical) - Mr. B J Phukan and Director (Finance) - Mr. I Mitra and other senior officials of NRL and Hexagon on 23rd December 2020

Groundbreaking Ceremony of India Bangladesh Friendship Pipeline (IBFPL)

Ground breaking ceremony of India Bangladesh Friendship Pipe Line (IBFPL) led by Chairman, Bangladesh Petroleum Corporation (BPC), Mr Md Abu Bakr Siddique on 3rd December 2020 in the presence of MD - Padma Oil Corporation; officials from DC Office, Dinajpur and Nilphamari, MD - Padma Oil Corporation; Country Head NRL Mr. RMW Khongwir and senior officials from EIL and BPC. Jointly inaugurated by Hon'ble PM of India Shri Narendra Modi and



Bangladesh PM HE Sheikh Hasina in September, the 130 KM cross border pipeline is being implemented by NRL with support from Ministry of



External Affairs, Govt. of India and would supply oil from our Siliguri Marketing Terminal to Parbatipur in Bangladesh.

Janandolan – a focussed effort to stay guarded against COVID-19

The 'Janandolan' Campaign on COVID-19 was launched by the Hon'ble Prime Minister of India Shri Narendra Modi on 8th October 2020 for propagation throughout the country using all media platforms. Endeavouring to be a Low Cost High Intensity Campaign of three months driven by people's participation 'Janandolan' emphasizes on Unlock with Precautions i.e. practicing COVID-19 appropriate behavior in the 'New Normal'. It propagates three key Messages namely; 'Wear Mask, Follow Physical Distancing, Maintain Hand Hygiene' to fight the pandemic. Ministry of Petroleum and Natural Gas is spearheading the Janandolan campaign through PSUs under its administrative control including NRL. In his message before the onset of the festive season, Shri Dharmendra Pradhan, Hon'ble Minister for Petroleum & Natural Gas and Steel, had said, *'The CoVID-19 pandemic has changed the way we live, work, think and what we imagine our future to be. Hon'ble Prime Minister, Shri Narendra Modi has rightly called for a 'Janandolan' to raise awareness on COVID-19 appropriate behaviour to arrest the spread of infection as effectively as possible.'*

On the first day of the campaign, virtual COVID-19 pledge for wearing masks, maintaining social distancing norms and hand hygiene was taken by Directors, Functional Heads

Janandolan posters and standees in different locations



Corporate Office, Guwahati



New Delhi Office



Entrance of Admin Building, Numaligarh



NRL Township gate

and Departments across all locations of NRL including Corporate Office Guwahati, different Departments in Refinery location, Marketing Terminal, Project sites, Marketing Office, Delhi Office and Kolkata Office.

Supporting 'Janandolan' COVID-19 campaign, while rigorously following all Government guidelines, an advocacy group was formed among NRL employees to spread the message of 'Wear Mask, Maintain Social distance and Hand Sanitization'.

The campaign formally started in the Township on 19th October 2020. GM(HRD) Mr. Kajal Saikia apprised group members about the need to spread awareness about COVID-19 protocols across all sectors of NRL. The group interacted with Township security and contractor supervisors of Township and Estate Office. Awareness camps were also conducted in Refinery Main Gate and nearby Markets of Kanaighat, Doigrung and Telgaram.

Hoardings and Unipoles in different locations of NRL including vicinity of the Refinery and in Guwahati city were put up. Banners were displayed in nearby towns/ areas of Bokakhat and Behora adjacent to the Refinery and in Project site of NRL's joint venture M/s Assam Bio Refinery Pvt Limited. Banners were also displayed on Tank Trucks in Numaligarh Refinery Marketing Terminal with



Janandolan poster at Kanaighat Market and Telgaram area



Janandolan poster at Doigrung Market area



Distribution of leaflets to spread awareness about Janandolan in nearby market places



Unipole at Ganeshguri, G.S. Road, Guwahati (left) & Hoarding at Silpukhuri, Guwahati (right)



Hoarding at Behora – near Numaligarh

Hoarding at Bokakhat Town

the tagline 'Jab tak dawai nehi, tab tak dhilai nehi'. 'Door to door campaigns' were carried out in nearby villages of Refinery i.e., Kanaighat and Labanghat and Letekujan. Awareness campaigns were carried out in NRMT Gate and Hand sanitizers, masks, gloves were distributed at NRMT gate.

A series of awareness campaigns were also carried out in Puja Mandaps and market places near the Refinery including Kanaighat, Doigrung, Porabangla and Telgaram. Campaign was also carried out in five nearby schools viz. Rupram Hazarika High School, Proyag Bidya Mandir, Sankardev Sishu Niketan, Ebengers English School and Kanaighat Girls High School and NRMT Gate.

In and around Guwahati, NRL tied up with NGO NILOY to carry out awareness campaigns in Hajongbori village, Chandrapur, Kahilipara High School, Narengi High School,



Janandolan campaign in nearby market areas and roadside

Ganesh Mandir High School, Beltola Market area, Vidyapith High School, Ambikagiri Nagar Guwahati, to name a few. Masks and sanitizers were distributed among employees, contract workmen and nearby schools and market areas.

NRL social media platforms like YouTube, Facebook and Twitter were extensively utilized to the optimum to spread the 'Janandolan' message to the masses. Bulk sms



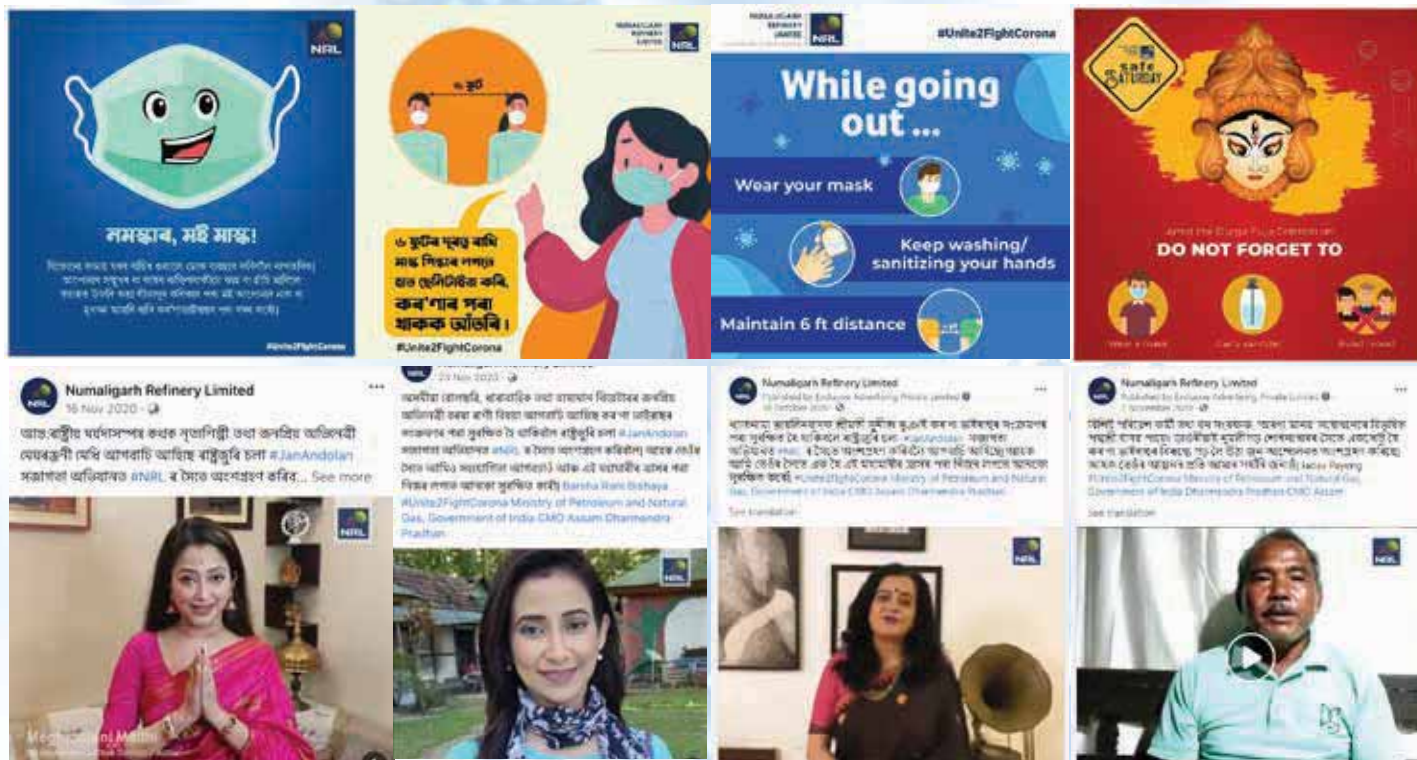
Awareness campaigns in Kahilipara High School, Guwahati in association with NGO NILOY

to employees and Whatsapp messages to Customers were sent containing specific message to combat Covid-19. Local celebrities including singer Dikshu, Violinist Sunita Bhuyan, Forest Man of India Jadav Payeng, actor Barsha Rani Bishaya, Comedian Hiranya Deka, dancer Meghranjani Medhi lend sound bytes which was disseminated using social media posts and WhatsApp messages. Bulk sms were also sent to employees and Whatsapp messages to customers with crisp one liners to spread the message of Covid-19.

Social media campaign on Janandolan



Social media campaign on Janandolan



We hope to continue with the initiatives till the threat of COVID-19 looms large.

Inauguration of Refinery Main Gate

The new NRL Main Gate Complex was inaugurated on 23rd December 2020 by our MD Mr. S.K. Barua in



MD Mr. S.K. Barua inaugurating the Refinery Main Gate House in presence of Director (T) Mr. B J Phukan, Director (F) Mr I Mittra and others on 23rd December 2020



presence of Director (T) Mr. B.J. Phukan, Director (F) Mr. Indranil Mittra other employees of NRL. Ushering in a fresh and grand look for the refinery, the new gate complex has been designed with an objective to represent NRL's values of unshakable reliability and dependability, grounded in wisdom gained through experience.

Vigilance Awareness Week- 2020

Our Company observed Vigilance Awareness Week -2020 (VAW) in a befitting manner and with great enthusiasm from 27th October 2020 to 2nd November 2020 in line with directives from Central Vigilance Commission with the theme '**Vigilant India, Prosperous India**'.

VAW was inaugurated with virtual pledge taking ceremony at Refinery and all other locations of the Company through 'Microsoft Teams'. E-integrity pledge was taken by employees in the designated website of CVC. Several activities were taken up by Vigilance department of NRL in line with Commission's directives to create awareness on Integrity, Honesty, and Morality, Ethics amongst NRL employees, CISF staff and students of schools nearby areas.

Competitions such as Essay writing, Slogan and Debate were organized through online applications and overwhelming responses were received. A District level debate competition on the theme of Vigilance Awareness Week was organised in association with Numaligarh High School. A separate programme for about 12 schools in Dergaon town was organized for essay and slogans competitions on the VAW theme in association with Dergaon Senior Basic School. Essay and slogan competitions on the theme were also held amongst NRL employees, CISF staff and their families. Training Department conducted a short duration

on line training programme—with Mr. S.R Medhi, former Director (Technical) of NRL as resource person on the subject of 'Corporate Governance & Preventive Vigilance Measures' for Management of the Company.

The main function of Vigilance Awareness week was held on 2nd November 2020 through 'Microsoft Team' in view of the current pandemic and about 90 employees of NRL attended the meeting. MD Mr. S. K Barua, chaired the meeting and stressed on the need for informed decision making while exercising caution and transparency specially in the current times where enhanced powers have been



A screenshot of main function of VAW on 2nd November 2020 held virtually

Integrity Pledge taking in various locations of the Company



Corporate Office, Guwahati



Central Control Room, Numaligarh



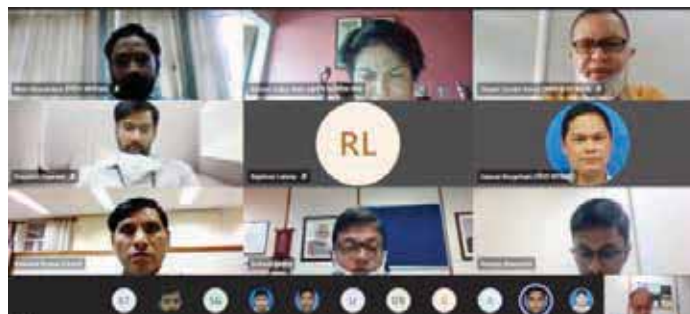
Delhi Office



Marketing Office, Guwahati



Kolkata office



Finance & IIS Department



Commercial Deptt., Numaligarh



(HR & Admin) Department, Numaligarh

Screen Shots of Closing Meeting



entrusted to tackle with extraordinary situations like the COVID-19 pandemic and the mega refinery project under implementation.

Mr. Sunil Jain, CVO of the Company conveyed his message



through a video clip which was played in the meeting. HR, IIS and Corporate Communication Department shared the status of various activities taken up for strengthening internal processes including gender sensitization at work place.

CONSTITUTION DAY

Constitution Day was observed in NRL on 26th November 2020 across all locations of the Company Reading of the Preamble of Constitution of India in English and Hindi in Guwahati location of the Company comprising of Guwahati Corporate, Marketing and Project Pipeline Office on the occasion of Constitution Day on 26th November 2020.

The occasion was marked by reading of the Preamble of the Constitution and Pledge taking Ceremony in Assamese, Hindi and English across all locations of the Company.

As a part of the celebrations, a Webinar was organized by

NRL on the theme 'Constitutional Values and principles of the Constitution of India'. Eminent scholar and Professor in the Department of Political Science, Guwahati University Dr. Nani Gopal Mahanta attended the Webinar as Guest Speaker and enlightened the participants on the historical, social, political and ideological philosophies enshrined in the Indian Constitution. The webinar was inaugurated by MD Mr. S K Barua in presence of Director (T) Mr. Bhaskar Jyoti Phukan, Director (F) Mr. Indranil Mittra and a large number of employees participated in the Webinar.

Reading of Constitution of India in English and Hindi in various locations



Guwahati Corporate, Marketing and Project Pipeline Office



Delhi Office



Admin building, Numaligarh



Siliguri Marketing Terminal



NRL CISF Unit, Numaligarh

CYBER SECURITY WEEK

October 2020 was globally marked as National Cyber Security Awareness Month (NCSAM) with a view to educate the public and private sector and increase cyber resilience of the nation.

As per the directives received from MOPNG, our Company observed 'National Cyber Security Awareness Month-2020(NCSAM-2020)' from 1st October to 31st October, 2020 with an objective to raise awareness on Cyber Security among employees of NRL, CISF, DPS, & VKNRL.

As per the observance of the NCSAM-2020, awareness messages were circulated and various competitions

organized among the employees to bring awareness on cyber security requirements while carrying out day-to-day official as well as personal works in today's digital world.



Snapshots of prize distribution ceremony



Online Quiz on Cyber Security

An online Quiz contest was organised among the employees of NRL on basic Cyber Security requirements encouraging all employees to participate in the Cyber Security Awareness Month. Employees from across locations participated in the contest making it successful.

Slogan Competition on Cyber Security

Slogan competition on Cyber Security was conducted among employees of NRL, VKNRL, DPS& CISF in Assamese, Hindi, & English languages.

Attractive prizes were given away to the winners of various competitions following laid down protocol for COVID-19.

Events

GST Conclave

NRL Finance Department in association with Commercial Department organized an interactive session on 16th December 2020 in Numaligarh for benefit of nearby vendors in two batches maintaining social distancing, on the subject 'GST compliances and Emerging Issues'. The session was attended by around 40 vendors.

On 17th December 2020, in association with Marketing Department an interactive session was also held through virtual mode for benefits of wax exporters and distributors on topics related to export and various benefits under foreign trade policy. All Wax distributors and exporters attended the session.



CSR Snippets

Tripartite agreement for construction of OPD unit

A tripartite agreement was signed on 6th November 2020 between NRL, Joint Director Health Services, Golaghat and VKNRL hospital for construction and operation of an OPD unit of VKNRL hospital near Pongka PHC. The proposed two storied building will provide day care and emergency services to the community. There shall be an immunization room too to be managed by Ponka Sapta Sahid Primary Health Centre. It is expected that this will reduce the footfall in VKNRL hospital substantially.



Signing ceremony at the office of Joint Director- Health Services



News in Pictures



Construction of School Toilet in Aspirational District of Darrang



Installation of Solar Street Light at Ponka village road during November 2020

Inauguration of Drinking water plant in Educational Institute on 17th December, 2020Observation of World Disability day at Telgaram on 3rd December, 2020

Master Nayan Jyoti secured admission in Electrical Engineering stream of Assam Engineering College after being coached under Super 30 scheme supported by NRL CSR

Selection of students for Skill Development Training on Aviation and Hospitality sector 28th December, 2020Students sent for Skill training program on Dialysis Technician & Radiology Technician to Guwahati on 13th December, 2020

Marketing Snippets

MoU with MM Carbon IBPFC

MoU for supply of CPC was renewed with MM Carbon, Guwahati on 17th November 2020 for a period of one year. MM Carbon is an MSME unit where Govt of Assam has a share of 28.8%.

As per the MOU terms and conditions, NRL will be supplying a minimum of 100 MT of CPC per month to MM Carbon for its Electrode Carbon Paste manufacturing unit located at EPIP, Amingaon. On behalf of NRL, the MOU was signed by Mr. Subrata Das, GM (Marketing) and MM Carbon was represented by Mr. Madurya Bora, Executive Director, MM Carbon.



Activities carried out by Fire & Safety Department during the period October to December' 2020

1. Online Safety quiz competition prize distribution done on 19th October 2020. (Photo#1)
2. Safety Awareness conducted at Project site near FWPH on 16th December'2020.
3. Safety Awareness conducted at LPG Bottling Plant on 17th December'2020.
4. New Fire & Safety Training Hall in the main gate inaugurated by Managing Director on 23rd December 2020. Worker evaluation process taken in line after the inauguration of new training hall.
5. Safety Awareness conducted at Workshop construction site near Fire station on 24th December'2020.
6. Safety Awareness conducted at Warehouse construction site in NRMT on 24th December'2020.
7. Safety Awareness conducted at OM&S Flare area on 28th December'2020. (Photo#2)
8. Safety Awareness conducted at Site office construction site near Admin Building on 30th December'2020.
9. Two numbers of minor fire mock drills conducted during the period of October to December'2020 at SRB and HCU on 26th October and 2nd November'2020 respectively. (Photo#3)
10. One major cum onsite disaster mock drill was conducted at OM&S (TT-101D) on 29th December' 2020.



Fire tender handed over to NRL Township Kunjakanan on 9th October 2020

Shri Dharmendra Pradhan invites investors, developers and businesses to be a part of India's renewable energy journey;

India is in the midst of a major transformative shift in its energy sector, to end energy poverty in India, says the Minister

The Minister of Petroleum & Natural Gas and Steel Shri Dharmendra Pradhan has invited investors, developers and businesses to be a part of India's renewable energy journey, assuring them that it will be a highly rewarding and mutually beneficial venture. In the Valedictory Address at the 3rd RE-INVEST 2020 on 28th NOV 2020, he said that India is progressively becoming a favoured destination for investment in renewables. During the last 6 years, over US\$ 64 billion investment has been made in renewable energy in India.

Shri Pradhan said that India has a very liberal FDI policy in energy sector, including renewables. "Foreign investors can either invest on their own or enter into joint ventures with an Indian partner for financial and/or technical collaboration for setting up of renewable energy-based power generation projects," he said. The Minister assured that "Ease of doing business" is our utmost priority. "Our continuous focus is on maintaining sanctity of contracts and safeguarding investments. We have established dedicated Project Development Cells (PDC) and Foreign Direct Investment (FDI) cells in all Ministries for handholding and facilitating domestic and foreign investors. Adequate measures and safeguards have also been undertaken to address the concerns of businesses and investors arising out of the Covid pandemic."

Shri Pradhan said that India is in the midst of a major transformative shift in its energy sector, to end energy poverty in India. "While doing so, our twin objectives are to enhance availability and affordability of clean fossil fuels and green fuels, and to reduce the carbon footprint through a healthy mix of all commercially-viable energy sources. We are consistently taking energy policy initiatives. Revamping policies, and taking needful measures. We are developing next generation infrastructure based on five guiding key enablers of energy availability and accessibility to all, energy affordability to the poorest of the poor, efficiency in energy use, energy sustainability to combating climate change as a responsible global citizen and security for mitigating the global uncertainties." The Minister mentioned that our energy agenda is inclusive, market-based and climate sensitive.

Shri Pradhan highlighted several initiatives that are spearheaded by the Indian oil & gas industry to broaden the Renewable Energy canvas, and also are also offering enormous investment opportunities. "We have embarked on a major biofuel programme in the country, which has huge investment opportunities. Biofuel is not just science but also a Mantra that will provide a new energy to not only India but also the entire world. It has the power to create a balance between our environment and economic development. We have launched the National Biofuel Policy (NBP) in 2018 to promote biofuels in mass scale with a target of 20% ethanol blending in petrol and 5% of bio-diesel by 2030. We are setting up twelve 2G Ethanol Bio-Refineries in 11 States with an overall capacity of 1100 Kilo Litre per Day (KLPD)."

The Minister mentioned another major transformative energy initiative in the country of developing a gas-based economy leading to 'One Nation One Gas Grid'. "We have already laid over 16,800 km long gas pipeline network, and additionally 14,700 km gas pipelines are under different stages of construction. An estimated investment of 60 billion US dollars is lined up in developing gas infrastructure, which includes pipelines, city gas distribution and LNG regasification terminals. The vast gas-based infrastructure will offer enormous opportunities for integrating different sources of energy in the country. This is yet another potential area of growth with vast investment opportunities", he said.

Shri Pradhan invited the participants to look at the investment opportunities in Compressed Bio-Gas (CBG) initiative. "We have a well-developed roadmap for SATAT (Sustainable Alternative Towards Affordable Transportation), an important initiative of our government, which targets to setup 5000 compressed biogas plants with a target of 15 MMT per year with an investment potential for US \$ 20 billion. Indian oil marketing companies are offering to private entrepreneurs assured price and offtake guarantee. The SATAT initiative is in line with the goals of AatmaNirbhar Bharat, Swachh Bharat Mission and boosting MSME sector. Reserve Bank of India has included CBG projects under Priority Sector that will help in getting the loan for CBG plant. I am glad to inform that a total of 1500 CBG plants are at various stages of execution.

Shri Pradhan mentioned that speaking at the fourth India Energy Forum by CERA week last month, Hon'ble Prime Minister highlighted seven key drivers of India's energy strategy going forward. He said that apart from achieving the renewable energy target of 450 gigawatts (GW) by 2030, India will focus on developing in an integrated manner a gas-based economy, cleaner use of fossil fuels, greater reliance on domestic fuels to drive biofuels, increasing the contribution of electricity, moving into emerging fuels like Hydrogen, and promoting digital innovation across all energy systems.

The Minister said that oil and gas companies in India including oil PSUs are investing in developing renewable energy projects by focusing more on green energy investments such as renewables, biofuels and hydrogen going forward.

The Minister said that as COVID-19 challenges the fundamental assumptions of our lives, the urgency of a green revolution in the energy sector gains greater importance. "While the immediate economic impact may slow us down, we are presented with an opportunity to pause, rethink, and design a new and faster transition to a low carbon future more aggressively," he said.

Greetings and Felicitations



MD Mr. S.K. Barua greeting and felicitating new Chief Secretary of Assam, Mr. Jishnu Baruah, IAS on 23rd November 2020



DIG (NEZ) CISF Mr. Siddharth Sarma being felicitated by CGM (Mtce) Mr. H K Nath on his visit to Numaligarh for inspection of CISF NRL Unit on 11th December 2020. He also had an interaction with NRL Management on security matters

Achievement



MD Mr. S K Barua felicitates Manager (Operation), Mr. Pankaj Kumar for his noteworthy contribution in early detection of a leakage in the Hydrogen Plant during the FCM held in Numaligarh on 3rd December 2020

Superannuations



Mr. Gauri Nath Bhattacharya, Secy to Director (Technical) superannuated from the services of the company on 31st October 2020. Joining the Company during the initial years on 8th July 1993, he contributed whole heartedly in his field of work and was also instrumental in raising the green belt around the refinery, planting saplings of various fruit bearing and other beneficial trees which are now serving as a shield against noise and environmental pollution. He was given a warm send off at a farewell meeting held at the Admin Building conference hall in his honour.

Superannuations



Mr. Ravindra Kumar Mishra Sr. Manager (HI & Admin) superannuated from the services of the company on 31st October 2020. He joined the company way back in August 1995 and looked after the administration of Delhi Office. He also worked as the Hindi implementation officer for Delhi Office. A formal function was organized in Delhi Office to bid him goodbye.

MD Addresses Northeast Festival 2020

MD Mr. S.K. Barua sharing his thoughts on Hydrocarbon potential of India's North East at the inaugural session of North East Festival 2020 held at Hotel Radisson Blue, Guwahati on 19th December 2020. The festival is held every year to promote NE as a tourism destination and attempts to showcase and create awareness about India's North East, its people and resources and critical issues of the region. The meeting was attended amongst others by Hon'ble CM of Assam Shri Sarbananda Sonowal, Hon'ble CM of Tripura Shri Biplab Kumar Deb, Union Minister of State for DoNER Shri Jitendra Singh and a host of dignitaries.



Hon'ble CM of Assam



Hon'ble Union Minister of State for DONER

The Story of NRL – XVII

The articles cover the history of NRL from its birth in the words of a pioneer, who has seen it all.

In the previous article, I had tried to cover some of the major activities continuing/planned during the period up to 2007. I would cover the same activities to their completion in this present Article.

The Duliajan-Numaligarh Gas Pipeline to transport 1 MMSCMD Natural Gas at a pressure of 40Kg/Sq inch was taken up for construction by the newly formed JV Company, DNPL Ltd. Neither AGCL nor NRL had any experience to execute a critical high pressure gas pipeline project. Obtaining the right of way was difficult and it took some time to fully obtain the same. The pipeline had to be laid across numbers of small and big rivers. A new technology, Horizontal Directional Drilling (HDD) was adopted for the first time in Assam for river crossings. This technology enables drilling through the river bed without causing ground disturbance, water contamination and minimal disturbance to the environment. Application of this technology helped save time, cost and effort in construction of the pipeline. As the job was divided among many local contractors constant co-ordination and follow up was necessary. Execution of the despatch terminal comprising of gas receiving/despatch facilities and installation of high pressure compressors were taken up at Madhuban, Duliajan. The high pressure gas receiving station at the Refinery end was also taken up by DNPL. Self and Sri S.K.Barua were deeply involved with the process of execution. A few officers of NRL were placed on deputation to DNPL. The activities from high pressure gas receiving station within the Refinery to the Power plant and Hydrogen plant were taken up by NRL. The 191 KM Pipeline project was commissioned November 2009 at a cost of Rs 346 Crores. With this NRL was linked to an assured and steady source of supply of Natural Gas. Utilising Natural Gas in the Power Plant as fuel, feed and fuel in the Hydrogen plant and as fuel in other process plants helped in improved operations, reduction in Fuel and Loss, and saving of valuable Naphtha. The additional generation of Naphtha helped increase MS production which led to improvement in profitability of the Company.

Execution of the Siliguri Marketing Terminal Project (SMTP) turned out to be a big challenge. Progress of construction was low due to contractual and local issues. Huge amount of earth filling works were involved and it was difficult to source the required earth from nearby areas. Progress of civil works and construction of tankages were much below the desired level. Due to the difficulties faced, number of contractual issues also appeared. A project team headed by Sri J. C. Kalita was managing the project. At this critical stage, It was decided to put much more impetus from the Management for timely completion of this project located in West Bengal. Accordingly, it was decided to hold regular meetings with the contractors, consultants, local groups, and local administration at the level of Director (Technical). Practice of

monthly meetings was introduced from October 2007 with all involved. Besides above, follow up mechanism with Vendors also strengthened and regular reviews continued at site. The expediting actions taken helped to sort out many critical issues and the project was put on track. Continuous monitoring of critical activities helped make steady progress. The Product pipe line project, as discussed earlier, was being executed by OIL. For de-waxing the old Crude oil pipe line OIL had to induct a Chinese firm. The project experienced some delays mainly due to River Crossings at some places. The receiving infrastructure at OIL's facilities were progressing well. The State-Of-The-Art Marketing Terminal was completed at a cost of Rs. 180 Crores and commissioned in synchronisation with the pipe line Project in April 2009 on receipt of first batch of Kerosene directly from the OIL's Despatch Terminal at Numaligarh. Both Rail and Road loading facilities were commissioned soon thereafter.

On establishing the viability of setting up the Wax Unit by carrying out the pre-feasibility study there was no looking back. EIL was appointed to carry out the Detailed Project Report. Meanwhile, the technology adoption in association with IIP, Dehradun was in the final stage. The DPR established the feasibility and economic viability of setting up a 50,000 TPA wax plant comprising of 45,000 TPA Paraffin Wax considering MVGO as feed and 5000 TPA Microcrystalline Wax considering HVGO as feed. The configuration include a Solvent De-waxing Unit, Vacuum filtration Unit, Hydrofinishing Unit, Slabbing and packaging Unit, Tankages and a Blast proof Control Room. The Units and facilities were decided to be set up in adjoining plots near the existing SRB as there was no other suitable single plot available to accommodate all the Units and facilities. This decision helped keeping the area opposite HCU free for any possible future expansion. The Project was approved by the Board at a cost of Rs.616 Crores. Subsequently, EIL was appointed as the PMC and project implementation activities were taken up during 2009. I shall discuss the implementation of the Project in the next Article.

The concept, feasibility and preliminary activities related to the Diesel Quality Up gradation Project was discussed in the previous article. The project was approved by the Board at a cost of only Rs. 434Crores, The implementation required a total Refinery shut down for 60 days. Approval for 60 Days turnaround was needed to be taken from the Ministry as the Crude suppliers OIL and ONGC had to plan their Production schedule in sync with our plans.

Engineering and procurement activities were taken up in association with the PMC much in advance. Procurement activities for the shut down



Dipak Chakravarty
Former MD, NRL



Present NRL Corporate Office

related jobs were also taken up. Engineering drawings, piping Isometric drawings etc were prepared in advance to enable pre- fabrication works at site. Contracts for all jobs were lined up much in advance. A large volume of dismantling works for both low pressure and high pressure piping sections were required. Some specific and critical decisions were to be taken. To mention a few, it was as per design, an additional Off gas compressor and an additional Make-Up Gas compressor were required to be installed. On detail examination, it was observed that there was no space to install the same as OISD distance norms could not be met, which became a big constraint. A bold decision was taken to operate the existing Make-Up Gas Compressors at their full capacity in tandem deviating from the original operating practice. Similarly, the operating philosophy of the existing Off gas compressor was also changed in the same way. Thus installation of an additional Make-Up Gas Compressor and an Off-Gas Compressors was avoided. The single Recycle Gas Compressor was decided to be retained as it had required additional capacity. The Fractionator of HCU, HP Heat Exchangers, Feed Pumps etc. were also to be replaced. Additional Instrumentation works including modification in the control panels, PLCs etc. were called for. Similarly, modification works for electrical systems also needed as lots of Pumps and equipments were to be replaced with high volume ones.

In the Hydrogen Generation Unit one of the major critical jobs was replacement of cold collector. Jobs related to change of the Naphtha Feed pumps, modification of Steam generation System, conversion of 6 Bed PSA Unit to a 10 Bed one etc were also critical. Besides change of Catalysts in HCU Reactors and all Catalyst systems including reformer catalysts in HGU were to be taken up. Replacement of 35 nos. of Reformer tubes also were due.

Shut down related jobs in CDU/VDU, DCU, Utilities and offsite were to be taken up. The Sulphur Recovery Block also needed revamping to increase its capacity to handle additional Gas and Sour Water and increased production of elemental Sulphur. On examination of the Flare System it was observed that the existing flare system had enough capacity to handle additional flare gas. However, new Hook -ups in the flare header were necessary. The Capacity of the Nitrogen Plant was to be enhanced by installing a new train. The volume of work was huge and there were many critical and high pressure jobs.

It was a challenge to complete the project within the stipulated period of 60 days. As mentioned earlier, ordering of material and lining up of contracts were done much in advance which helped carry out major piping works in the operating plants adopting strict fire and safety measures. Foundation works for installation of new pumps and vessels including foundation works for pumps and equipments were to be done in the operating plants and some of the equipments were also to be installed. Considerable amount of underground works also were to be carried out in the operating Units. Primarily, hook up jobs, installation of Equipments, Heat Exchangers, Feed pumps etc were done during the pre- shut down period. The 60 days shutdown was taken as planned on 15th April 2010, The jobs started without losing a single hour.

Progress review meetings were held at the field office with the concerned departments, contractors and consultant in the Morning and in the Evening. To save idle time, Breakfast/evening tea, lunch/ dinner for all workmen were provided at the locations. The HR department saw that all human related issues were promptly addressed to and there was no IR issues. The jobs were progressing smoothly and as planned. However, a major setback occurred when incessant rain of very high intensity started in the middle of May. In fact, the rainfall recorded was highest in many decades. That started affecting the progress adversely

as it became difficult to work. Special rain protective sheds/ canopies etc. were erected in strategic areas to help continue work during heavy rain. Meanwhile, the execution was slipping on schedule. As OIL and ONGC planned their Crude production in sync with DQUP Project, crude oil inventories were building up at their end which threatened reduction in Crude production, an unacceptable situation to both OIL and ONGC. The Ministry also became alert with the situation. We were summoned to Delhi every week by the Ministry for reviews and weekly meetings were held at Director's level of OIL and ONGC. Utmost efforts were put by everyone so that project works continued even under heavy odds. Finally, with a delay of about 21 days the DQUP project works and shut down jobs were completed in end July 2010. The DQUP was successfully commissioned along with commissioning of the Refinery. It may be mentioned that The Hydrocracker started functioning smoothly with increased capacity and helped overcome many of the earlier constraints faced by the Unit. The DQUP project tested the engineering ability, project management skills, co-ordination ability, HR capability and commitment of the Management and all employees. In fact, it was a project which many organisations would not have ventured as it involved very high risk, both at individual and corporate level. It was a great success story of NRL as NRL joined the BS IV HSD production league in August 2010 at a cost of only Rs. 434 Crores and at the shortest possible time.

Developments regarding the Corporate Office at Guwahati was discussed in the last article. In early 2007, it was decided that NRL shall have its corporate office in the new plot of land. Initially, it was decided to construct a low cost pre-fabricated building (a new technology at that point of time). Accordingly, a two storey 10,000 sq ft pre-fabricated building was conceived at a cost of around Rs. 10 Crores with an execution period of only 6 Months. The foundation stone was laid in January 2010 and the construction was completed in November 2010 by the then MD Shri B.K.Das. Immediately thereafter, the Corporate office was shifted to this newly constructed pre-fabricated building. Subsequently, it was decided to construct a Corporate Building at the same plot of land. It was proposed that the design of which shall be done by one of the best Architects in the Country. The idea of a two-tower building was conceived and Architect Hafiz Contractor was engaged for design and execution of the building. However, due to larger land requirement this idea was to be dropped and the present single tower structure was considered. The Board approval was obtained in 2011 for construction of the Building in two phases. The first phase was estimated to cost Rs. 57 Crores. The foundation stone was laid in April 2011 and the construction commenced soon thereafter.

As discussed earlier, NRL continued to take challenging projects/ activities since its inception and completed and commissioned the same successfully. NRL by that time became a Refinery capable of producing both Euro IV grade MS and HSD with State -Of-The- Art Technologies, it started Marketing Operations by setting up its own retail net work including supply of HSD to Bangladesh. During the period NRL improved its performances in the areas of Refinery Operations, Fire and Safety management, Marketing and Corporate Affairs. For which, NRL continued to earn awards and accolades from various Govt. & Statutory Bodies, Societies and Non Governmental Organisations.

Since the first year of operation, NRL continued to be a profitable and dividend paying Company. The net profit earned up to 2010-11 from the first year of operation was Rs.3,075 Crores of which Rs.1,085 Crores was paid as Dividend to the Promoters. With sustained positive net profit NRL's contribution towards CSR activities also increased year after year.

From the Archives

First batch of Euro - IV Motor Spirit despatched from Refinery

To meet the requirements of the Auto Fuel Policy of Government of India, our Refinery has successfully produced its first batch of Euro-IV grade Motor Spirit. The first consignment containing 1547 Kgs of the fuel was despatched from Numaligarh Refinery Marketing Terminal on 09-03-2010 to our holding Company Bharat Petroleum's installation at Budge-Budge in West Bengal through railway near Guwahati over to the upgraded Euro-IV. This has become mandatory in 13 states of India in effect from 1st April 2010. Euro-IV MS will ensure a cleaner environment by reducing the sulphur content to 50 ppm and aromatic content from 35% to 30%. This is the first consignment of Euro-IV Motor Spirit.

Our Director (Technical) Mr. Dipak Chakravarty ceremonially flagged off the first consignment of Euro-IV



Director (Technical) Mr. Dipak Chakravarty flagging off the first consignment of Euro-IV grade Motor Spirit from Numaligarh Refinery Marketing Terminal.

grade Motor Spirit from NRMT. In his speech delivered on this momentous occasion, Mr. Chakravarty elaborated on the National Auto Fuel Policy and congratulated the employees of NRL for the achievement of despatching the first batch of this upgraded motor fuel. The function was attended by officials and staff of NRL as well as N- Railways.

NRL awarded 'Certificate of Merit' at IMC Ramakrishna Bajaj National Quality awards

NRL bagged the Certificate of Merit 2009 in Manufacturing category of the prestigious IMC Ramakrishna Bajaj National Quality Awards. In 2009, The IMC Ramakrishna Bajaj National Quality Awards for 2009 and the IMC Ramakrishna Bajaj National Quality Award for setting benchmarks in quality were presented to Indian companies at a gathering function on 17th March 2010 at the Y B Chavan Auditorium, Mumbai. Mr. Dr. B. K. Das, received the coveted award on behalf of NRL from Dr. Anil K. Gargya, Patron, Voluntary and Member of Patrons, Rajiv Gandhi



MD NRL Dr. B. K. Das receiving the Merit Certificate from Patron, Voluntary and Rajiv Gandhi



NRL felicitates artist couple of Deepali Borthakur and Neelpawan Barua

In yet another expression of its strong commitment to the society, NRL felicitated the artist couple of famous Assamese artist Deepali Borthakur and her husband noted painter and sculptor Neelpawan Barua for their notable contribution in enriching the art and culture fabric of Assam with the medium of art and culture. An art show was held at the residence of the couple on 26-02-2010, where a cash award was presented to them by MD Dr. B. K. Das. The presence of Mr. Dipak Chakravarty, Director (Technical), NRL, and other officials of NRL viz. Mr. Sahil Subha, Mr. Kalyani Club, Numaligarh Refinery, and other officials.



MD Dr. B. K. Das and D (T) Mr. Dipak Chakravarty felicitating artist couple of Deepali Borthakur and Neelpawan Barua.



Farewell to Mr. Gauri Bhattacharjee

Kaliyani Club bade a warm farewell to Mr. Gauri Bhattacharjee on 31st October 2020 on his superannuation from the services of the company. He was felicitated with a memento and also conferred with Lifetime membership of Kaliyani Club. Senior officials of our Company graced the occasion with their presence expressing their warm wishes and gratitude towards him.



Farewell to Mr. Dulal Phukan

Kaliyani Club gave a warm farewell to Mr. Dulal Phukan on 30th of November 2020 on his superannuation from the services of the company. He was felicitated with a memento and also conferred with Lifetime membership of Kaliyani Club.



Donation of Archery Equipments & T-Shirts to Merapani Archery Association

KCEC-2019-20 donated a pair of Bow and Arrow to Merapani Archery Association at Kaliyani Club premises on 8th November 2020 as a goodwill gesture to invest in the future of archery in the State. The archers enrolled under Merapani Archery Association have participated in various events across the nation and have won laurels for the association. T-shirts were also distributed among the archers on the occasion.



Distribution of Face Masks at weekly market to all shopkeepers

As a gesture of its social responsibility, KCEC-2019-21 took up the initiative to distribute face masks at the weekly market to all the shopkeepers near Numaligarh as a precautionary and preventive measure to stop the spread of COVID-19.



Distribution of clothes donated by members

DNest members have always been in the forefront while showing solidarity and support for the less privileged section of our society. Like in earlier instances, our members again took the initiative of collecting old clothes and distribution amongst the needy. Clothes donated by our members were distributed to Asha Bhawan Trust located near the War Cemetery at Silpukhuri, Guwahati.



DNest Online Courses for Ladies

DNest took the initiative of organizing 'Online Courses' especially customized for the ladies. The sessions were organized during the weekends and a total of 6 sessions were done in 3 weekends during November, 2020.

DNest in association with 'Craft & Crayons' a local startup based in Guwahati, organized online courses in 'Yoga and Meditation,' 'Art & Craft,' and 'Mandala & Doodle Art' during the quarter.



Dinner Cruise On-Board MV Ayuddha

Aget-together was organized for DNest members on board MV Ayuddha during December, 2020. Members boarded the cruise at Kachari ghat and after an hour long evening cruise along the mighty Brahmaputra, the boat was anchored on the north bank. Members enjoyed the evening with live music, food, dance and a sumptuous dinner.





Club News - **Rangchali Club**

Deepawali Celebration

Deepawali was celebrated on 16th November 2020 maintaining complete Covid protocol. A game of Housie was played with minimum number of participants from members and their respective families. A lucky draw was held among the members where many attractive prizes were won.



Children's Day Celebration

Rangchali club observed Children's Day on 14th November, 2020 in a solemn manner keeping in mind the prevailing pandemic situation. A cake specially baked for the occasion was cut to mark the celebrations.



Lawn Tennis Court Inauguration



A lawn tennis court was inaugurated on 3rd December 2020 by MD Mr. S.K Barua in the Club premises. With this addition to the township, a long awaited need has

been fulfilled; which will provide an excellent platform for the children of the township to make their mark in the field of lawn tennis.

Felicitation Programs

Brilliant students of Rangchali club members who have passed out with flying colours in the recently declared HSLC exam 2020 were felicitated on 15th December 2020. It is noteworthy that as a part of socio cultural activities, Rangchali club has been organizing such felicitations program every year. This year club felicitated 60 students of different schools to inspire the students.



DPSN

The Indomitable Spirit

वक्त से वफा करना
मजबूरी नहीं, फ़ितरत है मेरी।

आज धुंध है थोड़ी सी ज़रूर मेरे आस-पास
हम तो सूरज को खींचने की ताकत रखते हैं

DPS Numaligarh is an institution where we nurture the dreams of children and help them blossom into confident, vibrant citizens. Where we nourish the ideas of young minds and help them discover their own imagination. Where we honour the spirit of each of our children and teach them to honour others. Where we delight in the skills of budding sportsmen and rejoice their victories. Where we don't just prepare children for their careers, we prepare them for life as global citizens.

Year 2020 has brought in challenges that nobody could have ever imagined. However, looking back, what takes centre-stage is neither the setback nor the struggles of the year, but the way Team DPS Numaligarh (DPSN) responded to the challenges posed by Covid-19. The enthusiasm, with which our team was able to pull together and recalibrate in the face of diversity, is worth mentioning. **'RESILIENCE'** seems to be the key word that describes the spirit of DPSN for the year 2020.

Humans, they say, have the vision to foresee things before they actually happen. Perhaps, it was this foresightedness that made us upgrade and equip ourselves with the required IT skills. It all began when the ever supportive School Management empowered the Faculty members with laptops and the school upgraded itself in the field of technology. When the news of the Lockdown struck, the last thing that we did was panic, because we were already prepared with the framework for online classes. The one thing that we were determined about was that we would not compromise with our school academic calendar already prepared for the session 2020-21.

कोरोना जैसे तो एक भयावह रूप में हमारे सामने आया, हम सभी घर पर रहने को मजबूर हो गए और यही समय की मांग भी थी पर डीपीएसएन की टीम ने कोरोना काल का शाब्दिक अर्थ कुछ इस तरह से लिया

क्या रोना ... क्यों रोना ...

तो फिर क्या था हम सभी लोग लग गए खुद को समय के अनुरूप बनाने में। सभी टीचर्स और बच्चों ने खुद को ऑनलाइन क्लास के लिए तैयार किया। मैं बहुत गर्व के साथ कहता हूँ कि आज डीपीएसएन के सभी टीचर्स और बच्चे ऑनलाइन मोड में पढ़ने और पढ़ाने में सक्षम हैं।

What came next was the change in strategy and effective execution. We began our academic session 2020-21 as per schedule by taking WhatsApp in our stride. We



Umesh Harbola
Principal

began by imparting classes through PowerPoint Presentations, voice recordings and videos made by our teachers and uploaded them in the WhatsApp as well as You Tube. There is no denying that there were a few hitches in the initial stage. In the course of a month, we upgraded ourselves to the MS Team and conducting classes became even more impactful.

Since, movement was strictly restricted during the First Term of the academic session, our Administrative staff with the help of our support staff made door-to-door distribution of books to our students inside the Township and couriered the same to our hostel students at different locations. They also delivered the necessary documents to teachers for facilitating smooth functioning of classes from home.

Entrance Test for class XI and admissions for the new session, were conducted online. The selection of the School Prefectorial Board for the session 2020-21, and the Investiture Ceremony - the ceremonial handing over of responsibilities to the board members, also took place online. Co curricular activities and Inter-House Competitions like Debate, Recitation, Story Narration, Art, Music, Fancy Dress and a few such others were conducted successfully in the online mode. The concept of the **'child-driven school'** flourished when the students of class XII gifted their teachers with the Teachers' Day Celebration, in a grand manner, in the online mode.



इस बार तो सब कुछ वो हुआ जो हमारी सोच से परे था ... ऑनलाइन पीटीएम, ऑनलाइन स्वतंत्रता दिवस, शिक्षक दिवस, इंवेस्टिचर सेरेमनी सभी कुछ तो हम कर पाए। ऐसा नहीं है कि कुछ परेशानियों से हमारी मुलाकात न हुई हो पर समय ने हमें सब सिखा दिया शुरुआती दौर वो था जब हम कैमरे से रुबरु होने में झिझक महसूस कर रहे थे पर समय के साथ हमारा आत्मविश्वास बढ़ता गया ...



We ensured effective and timely communication with all our stake-holders through various online interactions like the Parent-Teacher Meeting, interaction of all DPSN staff members with Shri S.K.Barua, Honourable Managing Director of NRL, monthly staff meetings, departmental meetings and the like. The Faculty members upgraded their knowledge and skills by attending various webinars and workshops conducted online by CBSE, DPS Society and many others.

Keeping in tandem with the policy of Inclusive Education, the special wing of DPSN, Sukriti-The Resource Centre, left no stone unturned in ensuring assistance to its special members. Home based Parent- Child Intervention Programme, at one-to-one level, held online, instilled the confidence in parents that with the use of their skill, creativity, wisdom and whatever resources locally available, their children can be trained to become independent citizens.

All these paraphernalia would not have been possible without the financial assistance provided by our ever supportive School Management. The Management also ensured the protection of all staff members against the spread of Covid-19 by allowing Work from Home, reduced working hours, etc. In fact, following the government mandate regarding the waiver of school fees, we took the immediate steps to relieve parents, to a large extent, during these testing times.

We have always believed in giving back to the society and what better times to serve the community than the pandemic. The school hostel was converted into an Isolation Centre to accommodate NRL Staff and students from the NRL Nursing School, and our Administrative Staff alongwith the support staff stepped forward in providing with the logistic support.

As the air started to clear up and the government ordered schools to reopen, DPSN geared up to adapt to the changing school norms and procedures. Various committees (Wellness, Awareness, Emergency Committee) were formed to look into the preparations in getting the school ready to welcome children. A few of the measures taken are as follows:

- Provision for thermal scanning and distribution of Hand Sanitizers and masks at the very entrance.



- Provision for washing hands and sanitizing at the entrance and other vital locations of the school.



- Maintaining Social Distance and marking through stickers on the floor and furniture and circles drawn on the floor.



- Displaying Covid-19 protocol through Flex and Display-boards in various locations of the school building, especially in front of classrooms and lobby.
- Painting and sanitizing the classrooms to ensure safety.
- Disinfecting classrooms and washrooms daily.



- Power Point slides being regularly sent to students to generate awareness and protecting themselves against Covid-19, both at school and at home.

Inspite of the various threats posed by the pandemic, DPS Numaligarh has maintained its 'Green' stand by generating recycled paper, from our recycle unit. Greeting cards, files and folders have been designed by our children under the guidance of our able teachers. Thus, we have been putting in our best efforts to maintain a rich work culture, ethics and ethos, with a strong team spirit, open communication, transparency and, above all, a child-driven and friendly attitude.

Here's hoping that year 2021 brings in good health and renewed hopes towards a better and a normal life and working environment.

मंजिल पाने के लिए सहारे से ज्यादा हौसला है हमारे पास
हम तो अंधेरी रात में भी सैर की चाह रखते हैं
घबराहट भी डरती है आहट से हमारी
हम तो हर इम्तेहान में अव्वल दर्जे की चाह रखते हैं ...

Stress and Anxiety: A boon or curse???

“It’s not stress that kills us, it is our reaction to it” – Hans Selye

Mrs. Smita Rajguru

Social Worker, VKNRL Hospital

Stress and anxiety has been a part and parcel of the modern society. Anxiety may be defined as a feeling consisted of fear, worry and unease. Anxiety could not even be subtracted in the absence of stress. It causes havoc in day to day life via creation of various circumstances such as loss of concentration, fearing of some unknown entities, confusion, sense of helplessness etc. According to many authors, anxiety is a common emotion. However, over-expression and irrational emotions lead to mental disorder. Similarly, stress is also a normal event of our life. So far as medical science is concerned, stress is a physical, mental or emotional factor that can cause bodily or mental tensions. Factors responsible for creation of stress may be of two types:

- i) External factor: Environment, Psychological and Social situations
- ii) Internal factor: Chronic illness, injury, paralysis etc.

There is considerable confusion and disagreement in the psychological and psychiatric literature regarding the meaning of stress and anxiety. The above paragraph offers some of the important distinctions between the two constructs, and outlines some causal relationships between them. Over the past few years, research interest in this field has stood up dramatically. This interest has produced a variety of theoretical and methodological approaches and the proper methodology for assessing these constructs. Both field experimentations and laboratory research have investigated various hypothesis, out of which majority of the works were focused on social evaluation. Studies revealed that stress and anxiety have been crucial contributors to many chronic diseases and to decreased quality of life, even with pharmacologic treatment. Worldwide efforts are underway to find and develop some promising non-pharmacologic therapies against the aforesaid traits.

Stress and anxiety may not always be harmful. If it doesn't last long it may pave a positive way for being motivated towards yoga and meditation. Nowadays, yoga and meditation is creating a wonderful impact on the society in reducing stress and anxiety in particular bringing incredible stability in mental health. People having stress and anxiety over longer period of time may experience negative health outcomes. They are more likely to develop



heart disease, high blood pressure, depression and panic disorder. Some of most common consequences may be: headache, restlessness, sleeplessness, chest pain, irritation, sudden mood swings, tendency to commit suicide etc.

Some of the most common non pharmacologic tools apart from yoga and meditation are stated below:

Aromatherapy: Using essential oils or lighting of scented *agarbattis* may help in reducing mental stress and anxiety.

Laughing: Laughing has proved to be a boon towards improving immunity and mood as well. Watching funny videos, TV shows or hanging out with good friends may work suitably in this context.

Music: Listening to music may also have a relaxing effect on the mind and body as a whole.

Diet: Consumption of alcohol, smoking, addiction towards drugs and other sedatives plays a negative role on our day to day life which in turn may act like *icing on a cake* in this respect. Hence, maintaining a proper, healthy and balanced diet would always be fruitful.

Hobbies: Developing interest in various hobbies such as gardening, reading novels, playing an outdoor game etc. may also help in reducing stress and anxiety. Spending time with family and friends is also noteworthy.

Exercise: Daily exercises for at least an hour is one of the most effective tools in combating the aforesaid disorder. It has immense role in lowering stress hormones of the body and empowers certain other factors viz., endorphins

that may improve a person's mood and act as natural pain killers which would also endorse some good sleep.

Various studies and social media platforms have reported on the development of stress and anxiety on many people across the globe during the recent pandemic situations of Covid-19. In this context, governments of different countries have taken necessary steps to mitigate the overall situations. In India, the state of Kerala has launched a project to counsel school students to overcome stress and anxiety. This is because the young students were the worst

affected. It has been observed that the above mentioned remedial tools have been proved to be very much effective in conquering the threat of stress and anxiety that has been evidenced by many scientific publications. Henceforth, it is important to recognize when the stress in one's life is causing negative consequences. If anyone feels that stress and anxiety are becoming unmanageable, it is always advisable to seek help of the concerned professionals and ask others to help find the support he/she needs rather allowing stress and anxiety to get overloaded and lead to some unwanted consequences.

News in Pictures



Awareness Camp on the Occasion of World AIDS Day on 1st December 2020 at VKNRL Hospital Patient Waiting Area



Celebration of Universal Brotherhood Day on 11th September, 2020



BPCL News

BPCL Signs MoU with MoP&NG

BPCL has entered into a MoU with MoP&NG for 2020-21. The MoU was signed in Delhi on 19th October 2020 by Shri Tarun Kapoor, Secretary P&NG and Shri K. Padmakar, C&MD BPCL in the presence of MoP&NG officials Ms. Usha Suresh, Sr. Economic Advisor, Shri Navneet Mohan Kothari, Joint Secretary (Marketing), Shri Sunil Kumar, Joint Secretary (Refineries), Shri B. N. Reddy (IC) along with Shri Arun Kumar Singh, Director (Marketing), Shri N. Vijayagopal, Director (Finance), Shri M.A. Khan, ED (Corp. Coord. & Development), Shri Nikhil Singh, GM (Coordination), Shri Sunil Bains, GM (Coordination) and Shri Atul Mehra, GM (Coordination).

Other than the mandatory financial parameters, the focus areas of MoU 2020-21 include increased throughput and availability of Refineries, New Retail Outlets, increased penetration of PNG connections and new CNG stations, Financial Closure of CBG Plants, Ethanol Blending, Procurement through GeM Portal, building infrastructure and enhancing capacity by Capex spending and project completion without time and cost overruns.



BPCL Wins Laurels for Swachhata Performance Again



The excellent performance of BPCL of reaching out to over 62 lakh persons, through a whopping 79,000+ activities during the recent Swachhata Pakhwada in July 2020 won us the Second place among Oil & Gas PSUs. The Swachhata Pakhwada Puraskar was presented on 14.12.2020 by Shri Dharmendra Pradhan, Hon'ble Minister of Petroleum & Natural Gas and Steel. Shri K. Padmakar, CMD BPCL virtually accepted the award while Shri M.A. Khan, ED Coordination received the award in Delhi at the official function. BPCL was also awarded Second place for its exceptional performance in the 'Swachhata hi Seva' campaign from 11th September to 27th October 2019.

BPLC Recognised for Excellence in Learning and Development

Bharat Petroleum Learning Centre (BPLC) won the 'Special Recognition Award' for Excellence in Learning & Development – PSU Category in the Society of Human

Resources Management (SHRM) Awards in recognition of the innovative L&D practices of the Corporation.

BPCL SBI Card OCTANE Launch !

The BPCL SBI Platinum Visa Card, launched in December 2017 with best-in-class features, is the fastest growing co-branded Card in the industry, with a current card base of over 7.5 lakh card holders.

On 15th December 2020, history was created once again, when BPCL and SBI Card (India's largest pure play credit card issuer) launched the premium and power packed variant of the Card, the BPCL SBI Card OCTANE at a grand launch function at Mumbai. BPCL C&MD, Mr. K Padmakar and Chairman, State Bank of India Mr. Dinesh Khara did the honours in the august presence of BCPL Director (Marketing), Mr. Arun Kumar Singh, BCPL Director (Finance), Mr. N Vijayagopal, Managing Director, SBI Mr. Ashwani Bhatia, Managing Director, SBI



Mr. C S Shetty, ED (Retail) I/C, Mr. P S Ravi, ED (LPG), Mr. T. Peethambaran and ED (Lubes), Mr. Santosh Kumar.

The Card has a unique value proposition that offers benefits on purchase of Fuel, Lubricants as well as Bharatgas, marking the first digital confluence of BPCL three brands in the B2C space - Pure for Sure, Bharatgas and MAK Lubricants.

BCPL Conferred with Great Place to Work Certification

Brahmaputra Cracker and Polymer Limited has been certified as **Great Place to Work**. Every year, Great place to work Institute organises this certification award. This Certification Program is the first step for an organization in its journey to build a High-Trust, High-Performance Culture and BCPL has successfully accomplished this milestone.



BCPL wins 20th Annual Greentech Environment Award



BCPL has won the prestigious '20th Annual Greentech Environment Award 2020' in Petrochemical Sector for outstanding achievement in Environment Management in the category of 'Environment Protection'.

This award created a milestone for BCPL towards its journey of an environment friendly petrochemical production unit and its commitment towards sustainable social responsibilities as a PSU.

नगर राजभाषा कार्यान्वयन समिति (कार्यालय), डिब्रूगढ़ की 67 वीं बैठक के दौरान अध्यक्ष, नराकास श्री रीप हजारिका द्वारा 'राजभाषा दर्पण' के द्वितीय अंक का विमोचन।



CSIR-NEIST Signs MoU with BCPL

CSIR-North East Institute of Science & Technology (CSIR-NEIST), Jorhat, Assam an esteemed R&D institute has entered into a Memorandum of Understanding (MOU) with BCPL on 18th December, 2020 to create a framework for collaboration. The MoU was signed by Dr G. Narahari Sastry, Director CSIR-NEIST and Mr. Asit Das, General Manager (HR),

BCPL in presence of Mr. Reep Hazarika, Managing Director, BCPL, Shri Pruthiviraj Dash Director (Finance), Mr. R.K.Singh Chief Operating Officer and Mr. Pranjal Changmai General Manager (Operations-I/C) at BCPL, Dibrugarh. Senior officials of CSIR-NEIST were also present on the occasion.

BCPL Organises the first PR Symposium

BCPL organized the first Public Relations symposium in Association with Public Relations Society of India (PRSI), Guwahati Chapter in a virtual way on 16th October 2020 on "Challenges of PR Professionals in NE Region".

Mr. Reep Hazarika, MD BCPL was chief guest of the event. Resource persons Mr. Sanjeeb Kakoty, Associate Professor, IIM Shillong, Mr. Ron Duarah, a veteran journalist of the

Assam Tribune and Sachin Gogoi, Editorial Lead of BBC News, New Delhi spoke on the theme and shared their experiences. Ms. Madhuchanda Adhikari, DGM (CC) NRL and Chairperson PRSI moderated the entire session. The programme was attended by senior PR professionals of various organizations, students from various media institutes, PRSI members and senior officials of BCPL. Dr. Ajit Pathak, National President of PRSI also joined the event virtually.



Hindi Section

केंद्रीय हिंदी प्रशिक्षण संस्थान द्वारा संचालित हिंदी पाठ्यक्रम प्रबोध, प्रवीण और प्राज्ञ परीक्षा के परिणाम घोषित

राजभाषा विभाग, गृह मंत्रालय, केंद्रीय हिंदी प्रशिक्षण संस्थान, नई दिल्ली द्वारा संचालित पाठ्यक्रम प्रबोध, प्रवीण और प्राज्ञ परीक्षा दिनांक 23 नवम्बर '20 से 26 नवम्बर, 2020 को नुमालीगढ़ रिफाइनरी के प्रशिक्षण एवं विकास केंद्र में सफलतापूर्वक संपन्न हुआ और उक्त परीक्षा में नुमालीगढ़ रिफाइनरी के कुल 16 कर्मचारियों में से 15 कर्मचारियों ने

अपनी उपस्थिति दर्ज की। यह पहला मौका है कि कोविड-19 की वजह से राजभाषा विभाग, नई दिल्ली द्वारा नुमालीगढ़ रिफाइनरी को परीक्षा केंद्र के रूप में अवसर प्रदान किया। परीक्षा देनेवाले सभी 15 (पंद्रह) एनआरएल के कर्मचारियों ने सर्वोच्च अंक प्राप्त कर उत्तीर्ण हुए हैं। सभी परीक्षार्थियों को हार्दिक बधाई!



परीक्षा में बैठे प्रबोध के परीक्षार्थीगण



प्रवीण के परीक्षार्थीगण



प्राज्ञ के परीक्षार्थीगण

नुमालीगढ़ रिफाइनरी में हिंदी कार्यशाला का सफल आयोजन

राजभाषा विभाग, गृह मंत्रालय, नई दिल्ली से जारी वार्षिक लक्ष्य को प्राप्त करने और कार्यालयों में प्रयोग विभिन्न पत्राचारों के बारे में जानकारी देने के उद्देश्य से नुमालीगढ़ रिफाइनरी के कर्मचारियों के लिए “कार्यालयीन पत्राचार का विभिन्न रूप” शीर्षक पर दिनांक 06.11.2020 को प्रशिक्षण केंद्र में पूर्वाह्न 10.00 बजे से एक दिवसीय हिंदी कार्यशाला का आयोजन किया गया। गृह संकाय सदस्य द्वारा संचालित इस कार्यशाला में सरकारी, अर्धसरकारी पत्र के अलावा परिपत्र, कार्यालय आदेश, कार्यालय ज्ञापन, टिप्पणी, अधिसूचना, संकल्प आदि लेखन के बारे में विस्तृत रूप से जानकारी दी गई। कोविड-19 के सभी दिशा-निदेशों का पालन करते हुए सिर्फ छह प्रतिभागियों को लेकर इस कार्यशाला का आयोजन किया गया।



कार्यशाला का प्रतिभागीगण

नुमालीगढ़ रिफाइनरी को राजभाषा प्रशस्ति-पत्र पुरस्कार प्राप्त

दिनांक 07 दिसम्बर '20 को आयोजित 55वीं नराकास(उपक्रम) ऑनलाइन बैठक के दौरान वर्ष 2019-20 की अवधि में राजभाषा कार्यान्वयन में उत्कृष्ट कार्य निष्पादन हेतु नुमालीगढ़ रिफाइनरी को

नगर राजभाषा कार्यान्वयन समिति(उपक्रम), गुवाहाटी द्वारा राजभाषा प्रशस्ति-पत्र पुरस्कार सेम्मानित किया गया।

नुमालीगढ़ रिफाइनरी की वार्षिक हिंदी गृह पत्रिका “प्रयास” को प्रोत्साहन पुरस्कार

कोविड-19 के चलते वर्ष 2019-20 के दौरान प्रकाशित राजभाषा गृह-पत्रिका प्रतियोगिता में सिर्फ नुमालीगढ़ रिफाइनरी की एकल प्रविष्टि होने के कारण नुमालीगढ़ रिफाइनरी की वार्षिक हिंदी

गृह पत्रिका “प्रयास” (दसवां अंक) को नगर राजभाषा कार्यान्वयन समिति(उपक्रम) द्वारा प्रोत्साहन पुरस्कार प्रदान किया गया।

संसदीय राजभाषा समिति की आलेख एवं साक्ष्य उप समिति द्वारा विचार विमर्श कार्यक्रम

संसदीय राजभाषा समिति की आलेख एवं साक्ष्य उप समिति का दिनांक 18.11.2020 को राष्ट्रीय राजधानी क्षेत्र दिल्ली स्थित नगर राजभाषा कार्यान्वयन समितियों के अध्यक्षों तथा कुछेक सदस्य कार्यालय प्रमुखों के साथ विचार- विमर्श कार्यक्रम होटल अशोक में सकुशल सम्पन्न हुआ। इस कार्यालय में कुल ग्यारह कार्यालयों ने हिस्सा लिया। नुमालीगढ़ रिफाइनरी लिमिटेड, दिल्ली कार्यालय की तरफ से कार्यालय प्रमुख श्री धीरज कुमार अधिकारी, श्री काजल शर्मा, महाप्रबंधक (मानव संसाधन विकास) एवं श्री रवि कुमार, सहायक प्रबंधक ने इसमें हिस्सा लिया।



পাইপলাইন ৰাইট টু ইউজ শ্বেয়াৰিঙৰ বাবে এন আৰ এলৰ গেইলৰ সৈতে চুক্তি স্বাক্ষৰ

এক ঐতিহাসিক 'পাইপলাইন ৰাইট টু ইউজ (আৰ অ' ইউ) শ্বেয়াৰিঙ চুক্তি' যোৱা ১৪ অক্টোবৰত এন আৰ এল আৰু গেইলৰ মাজত নতুন দিল্লীত সম্পন্ন হয়। এই চুক্তিখন এন আৰ এলৰ জি.এম. (প্ৰকল্প) শ্ৰী পি.জে. শৰ্মা আৰু গেইলৰ জি.এম. (প্ৰকল্প) শ্ৰী কে.কে. চন্দ্ৰদেৱৰ দ্বাৰা, এন আৰ এলৰ পৰিচালন সঞ্চালক শ্ৰী এচ.কে. বৰুৱা আৰু গেইলৰ অধ্যক্ষ তথা পৰিচালন সঞ্চালক শ্ৰী মনোজ জৈনৰ তথা গেইলৰ পৰিচালকবৃন্দ আৰু দুয়োটা কোম্পানীৰ উচ্চপদস্থ বিষয়াসকলৰ উপস্থিতিত স্বাক্ষৰিত হয়।

এই চুক্তি অনুযায়ী এন আৰ এল আৰু গেইলে বিহাৰৰ পূৰ্ণীয়াৰ পৰা অসমৰ গুৱাহাটীলৈ ৫৫০ কি.মি.বৰ্গযোৰা এলেকাত দুয়োটা কোম্পানীৰ পাইপলাইন বহুওৱাৰ ক্ষেত্ৰত এক উমৈহতীয়া ব্যৱহাৰৰ অধিকাৰ (আৰ অ' ইউ) লাভ কৰে।

গেইলে বাৰাউনী-গুৱাহাটী পাইপলাইন (বি জি পি এল) বহুওৱাৰ কাম কৰিছে যিটো 'প্ৰধানমন্ত্ৰী উৰ্জা গংগা' বুলি জনাজাত জগদীশপুৰ-হালদীয়া আৰু ব'কাৰো-ধৰ্ম নেচাৰেল গেছ (এন জি) পাইপলাইন প্ৰকল্পৰ অংশ আৰু নৰ্থ ইষ্ট গেছ গ্ৰীড (এন ই জি জি) ৰ অধীনত প্ৰাকৃতিক গেছ যোগানৰ বাবে গুৱাহাটীলৈ প্ৰসাৰিত। এন আৰ এলে ১৬৩০ কি.মি. দৈৰ্ঘ্যৰ পাৰাদীপ নুমলীগড় ব্ৰুড পাইপলাইন (পি এন চি পি এল) বহুওৱাৰ ব্যৱস্থা কৰিছে যিটো পাৰাদীপ পৰ্টৰ পৰা আৰম্ভ হৈ উৰিষ্যা, পশ্চিমবংগ, ঝাৰখণ্ড, বিহাৰ আৰু অসমৰ মাজেৰে

পৰিভ্ৰমণ কৰি নুমলীগড়স্থিত শোধনাগাৰত আহি অন্ত হৈছে। এই পাইপলাইন প্ৰকল্পটো বৰ্তমান কাম চলি থকা প্ৰায় ২২ হেজাৰ কোটি টকা ব্যয় সাপেক্ষ ৩ এম এম টি পি এৰ পৰা ৯ এম এম টি পি এ মেগা ৰিফাইনেৰী সম্প্ৰসাৰণ প্ৰকল্পৰ এক অংশ।

দুয়োটা পাইপলাইনেই পূৰ্ণীয়া (বিহাৰ) ৰ পৰা গুৱাহাটী (অসম) ৰ ওচৰৰ প্ৰায় ৫৫০ কি.মি. যোৰা দৈৰ্ঘ্যৰ পাইপলাইনৰ পথ উমৈহতীয়া ভাৱে ব্যৱহাৰ কৰা হৈছে। এই পাইপলাইন 'আৰ অ ইউ' ৰ সমভাৱে ব্যৱহাৰ কৰা কাৰ্য্যই পাইপলাইন বহুওৱাৰ বাবে প্ৰয়োজনীয় ভূমি অধিগ্ৰহণৰ ক্ষেত্ৰত যথেষ্ট অনুকূল ব্যৱস্থাকপে সমাদৃত হৈছে। এন আৰ এল আৰু গেইলে পাইপলাইনৰ কাৰ্য্যকৰীকৰণৰ ক্ষেত্ৰত প্ৰয়োজনীয় সংসাধনৰ সমভাৱে ব্যৱহাৰ কৰিও সমভাৱে লাভান্বিত হ'ব।



ভাৰত চৰকাৰৰ ডি পি ই সচিবৰ নুমলীগড় ৰিফাইনেৰী লিমিটেডত কেপেক্সৰ পৰ্যালোচনা

শ্ৰী শৈলেশ, আই এ এছ, সচিব, ভাৰত চৰকাৰৰ লোক উদ্যম বিভাগ, গুৰু উদ্যোগ আৰু লোক উদ্যম মন্ত্ৰালয়ে, ২০২০-২১ বিত্তীয় বৰ্ষৰ কেপিটেল এক্সপেণ্ডিছাৰৰ (কেপেক্স) পৰ্যালোচনাৰ বাবে নুমলীগড় ৰিফাইনেৰী লিমিটেড (এন আৰ এল) ৰ গুৱাহাটীস্থিত কৰ্পৰেট কাৰ্যালয় ১৮ ডিচেম্বৰ ২০২০ তাৰিখে পৰিদৰ্শন কৰে। এন আৰ এলৰ পৰিচালন সঞ্চালক শ্ৰী এচ কে বৰুৱা আৰু অইল ইণ্ডিয়া লিমিটেডৰ অধ্যক্ষ তথা পৰিচালন সঞ্চালক শ্ৰী সুশীল চন্দ্ৰ মিশ্ৰই তেওঁক উদ্বল আদৰণি জনায়। সভাখনত অসম চৰকাৰৰ জন উদ্যোগ বিভাগৰ প্ৰধান সচিব ড° এম. আৰিফ আহমেদ, আই এ এছ, এন আৰ এলৰ সঞ্চালক (কাৰিকৰী) শ্ৰী বি জে ফুকন, এন আৰ এলৰ



সঞ্চালক (বিত্ত) শ্ৰী ইন্দ্ৰনীল মিত্ৰ, অইল ইণ্ডিয়া লিমিটেডৰ সঞ্চালক (বিত্ত) শ্ৰী হৰিশ মাধৱ আৰু দুয়োটা কোম্পানীৰ জ্যেষ্ঠ বিষয়াবৰ্গ উপস্থিত থাকে। শ্ৰী শৈলেশে দুয়োটা কোম্পানীৰ চলিত বিত্তীয় বৰ্ষৰ কেপেক্স কাৰ্যসূচীৰ পৰ্যালোচনা কৰে আৰু ইয়াৰ ৰূপায়ণ ক্ষীপ্ৰতৰ কৰি তুলি ভাৰত চৰকাৰৰ ক'ভিড বিধবস্ত অৰ্থনীতি শক্তিশালী কৰাৰ ক্ষেত্ৰত অৱদান আগবঢ়াবলৈ আহ্বান জনায়।

এন আৰ এল চলিত বিত্তীয় বৰ্ষত মুঠ ৯৪৯ কোটি টকা মুখ্য প্ৰকল্পসমূহৰ বাবে ব্যয় কৰিব। এন আৰ এল কেইবাটাও প্ৰধান প্ৰকল্প হাতত লৈছে, যেনে- ৰিফাইনেৰী সম্প্ৰসাৰণ প্ৰকল্প বৰ্তমানৰ ৩ এম এম টি পি এৰ পৰা ৯ এম এম টি পি এ লৈ — যিটোৰ অন্তৰ্গত হৈছে পাৰাদ্বীপ পৰ্টৰ পৰা ২২০০ কি.মি. খাৰুৱা তেলৰ পাইপলাইনৰ ৰূপায়ণ, ওড়িশাৰ পৰা অসমৰ নুমলীগড়লৈ প্ৰডাক্ট পাইপলাইন নুমলীগড়ৰ পৰা পশ্চিম বংগৰ শিলিগুৰিলৈ আৰু

পাৰাদ্বীপ পৰ্টত খাৰুৱা তেল ইম্পৰ্ট টাৰ্মিণেলৰ ব্যৱস্থাকৰণ ইত্যাদি। ইয়াৰ উপৰিও এন আৰ এল মাৰ্কেটিং টাৰ্মিণেল শিলিগুৰিৰ পৰা বাংলাদেশৰ পাৰ্বতীপুৰলৈ ১৩০ কি.মি. দৈৰ্ঘ্যৰ আন্তঃৰাষ্ট্ৰীয় ইন্দ্ৰ' বাংলা ফ্ৰণ্ডশ্বিপ পাইপলাইনৰ ব্যৱস্থাকৰণ কৰিছে। তদুপৰি এন আৰ এলৰ দুটা প্ৰধান জে.ভি. প্ৰকল্প অসম বায় ৰিফাইনেৰী প্ৰাইভেট লিমিটেড (এ বি আৰ পি এল) আৰু ইন্দ্ৰধনুচ গেছ গ্ৰীড লিমিটেড (আই জি জি এল)ত, ইকুইটি শ্বেয়াৰ আছে। এ বি আৰ পি এল দেশৰ প্ৰথম বেঙ্গু মেছ বায় ৰিফাইনেৰীৰ ৰূপায়ণ কৰিছে আৰু আই জি জি এল নেচনেল গেছ গ্ৰীডৰ উত্তৰ-পূবৰ আঠখন ৰাজ্যক সাঙুৰি লৈছে। পাইপলাইনটোৱে এন আৰ এলৰ লগতে অন্যান্য ইণ্ডাষ্ট্ৰিয়েল গ্ৰাহকক সেৱা যোগান ধৰিব।

পাইপলাইনৰ ক্ষমতা বৃদ্ধিৰ বাবে এন আৰ এল আৰু অইলৰ মাজত বুজাবুজিৰ চুক্তি সম্পাদিত

নুমলীগড় শিলিগুৰি পাইপলাইনৰ (এন এছ পি এল) জৰিয়তে অইলৰ বৰ্তমানৰ পাম্পিং ক্ষমতা বৃদ্ধি কৰিবলৈ আৰু ১.৭২ এম এম টি পি এ ৰ পৰা ৫.৫০ এম এম টি পি এলৈ প্ৰডাক্ট খালীকৰণ ক্ষমতা বৃদ্ধি কৰিবলৈ নুমলীগড় ৰিফাইনেৰী লিমিটেড (এন আৰ এল) আৰু অইল ইণ্ডিয়া লিমিটেডৰ মাজত যোৱা ১৮ ডিচেম্বৰ, ২০২০ তাৰিখে এক বুজাবুজিৰ চুক্তি সম্পাদিত হয়। ম'টৰ স্পিৰিট (পেট্ৰ'ল), এইচ এছ ডি (ডিজেল) আৰু এছ কে অ' (কেৰাচিন) কঢ়িওৱা এন এছ পি এলৰ ক্ষমতা বৃদ্ধি, এন আৰ এলৰ মেগা ৰিফাইনেৰী সম্প্ৰসাৰণ প্ৰজেক্ট বৰ্তমানৰ ৩.০ এম এম টি পি এ ৰ পৰা ৯.০ এম এম টি পি এ লৈ সংস্থাপিতকৰণৰ সৈতে সমকালীনভাৱে ২০২৪ চনৰ শেষত সংস্থাপিত কৰা হ'ব বুলি আশা কৰা হৈছে।

এন আৰ এলৰ প্ৰমুখ (প্ৰজেক্ট পাইপলাইন) শ্ৰী এম কে পেণ্ডু আৰু অইল ইণ্ডিয়া লিমিটেডৰ চি জি এম (অ'পিএছ) পাইপলাইন- শ্ৰী সন্দীপ গোস্বামীয়ে মাননীয় সচিব, লোক উদ্যম বিভাগ, ভাৰত চৰকাৰ, শ্ৰী সৈলেশ; এম ডি এন আৰ এল শ্ৰী এছ কে বৰুৱা, চি এম ডি অইল শ্ৰী এছ চি মিশ্ৰ; সঞ্চালক (কাৰিকৰী) এন আৰ এল- শ্ৰী বি জে ফুকন; সঞ্চালক (বিত্ত) এন আৰ এল- শ্ৰী ইন্দ্ৰনীল মিত্ৰ; সঞ্চালক (বিত্ত) অইল- শ্ৰী হৰিশ মাধৱ

আৰু দুয়োটা কোম্পানীৰ জ্যেষ্ঠ বিষয়াসকলৰ উপস্থিতিত এন আৰ এলৰ কৰ্পোৰেট কাৰ্যালয়, গুৱাহাটীত এক বুজাবুজিৰ চুক্তিত স্বাক্ষৰ কৰে। এই ব্যৱস্থাই এন আৰ এলক ৰিফাইনেৰী সম্প্ৰসাৰণোত্তৰ কালত প্ৰডাক্ট খালীকৰণ প্ৰক্ৰিয়াত সহায় কৰিব আৰু সেইদৰে অইলে এন আৰ এলক ৰাষ্ট্ৰীয় আন্তঃগাঁথনি প্ৰকল্পসমূহ (এন আই পি)ৰ অধীনত প্ৰডাক্ট পাইপলাইন নিৰীক্ষণৰ বাবে প্ৰজেক্ট প্ৰস্তাৱকাৰী হিচাপে প্ৰক্ষেপ কৰিব।



পাইপলাইন ক্ষমতা বৃদ্ধিৰ বাবে এন আৰ এল আৰু অইল ৰ চুক্তি



MD's New Year Message 2021

Dear Colleagues,

We have reached the end of an extraordinary year for humankind. The COVID-19 pandemic that unleashed itself at the beginning of 2020 dominated every aspect of lives across the globe - at an individual level, as a community and as a work force. It has altered the way we work, we learn, we carry out business and practically all everyday aspects.

The year has undoubtedly taught us resilience to embrace change, life lessons in humanity & crisis management and realised our true potential to innovate in the wake of adversities. It has accelerated the pace of digital transformation with virtual platforms replacing physical interactions. And yes, the year has made us pause and ponder, reevaluate our priorities, pay attention to our health and wellbeing, learn new skills and reflect on life in general.

At NRL, we sailed through the challenging times, showed our collective grit and spirit while taking every day as it comes till we were almost back to normal operations. A great deal of planning and manoeuvring was done by all of you to sustain operations and keep up production to desired levels. The success in achieving our goals goes to each one of you and NRL's extended family and associated entities. I would specially like to thank VK NRL Hospital and its dedicated staff who have provided yeoman service in these testing times. Their untiring and selfless efforts 24 x 7 and their comforting reassurance to our concerns at a time when a sizeable number of our employees, contractual workers and families were infected by the virus have made them no less than heroes in our eyes.

The world economy, along with that our country, took a severe beating because of the pandemic induced lockdowns and restrictions. Our government is fully focussed to revitalise all the sectors. NRL is a dominant player in the hydrocarbon sector and with our mega expansion plans; seen as one of the critical drivers to push the economy forward. The speed of execution of our projects will accelerate economic growth. I request all my colleagues to rise to the occasion and to put their all-out efforts for speedy implementation of all these projects.

Much of the credit for NRL's success is due to you. I would like to thank each and every one of you for your hard work, passion and the part that you have played in our company's success.

As 2020 comes to an end and we look forward optimistically to a New Year, let's endeavour to become a company of global standards that other than excelling in business is empathetic and concerned towards the needs of the community, the environment around and the interests of our multiple stakeholders.

I look forward to your continued support as together, we will usher NRL into a brand new decade starting 2021.

Wish you and your family healthy and safe times and a fruitful New Year!

With sincere regards,

S K Barua
Managing Director

1st of January 2021

