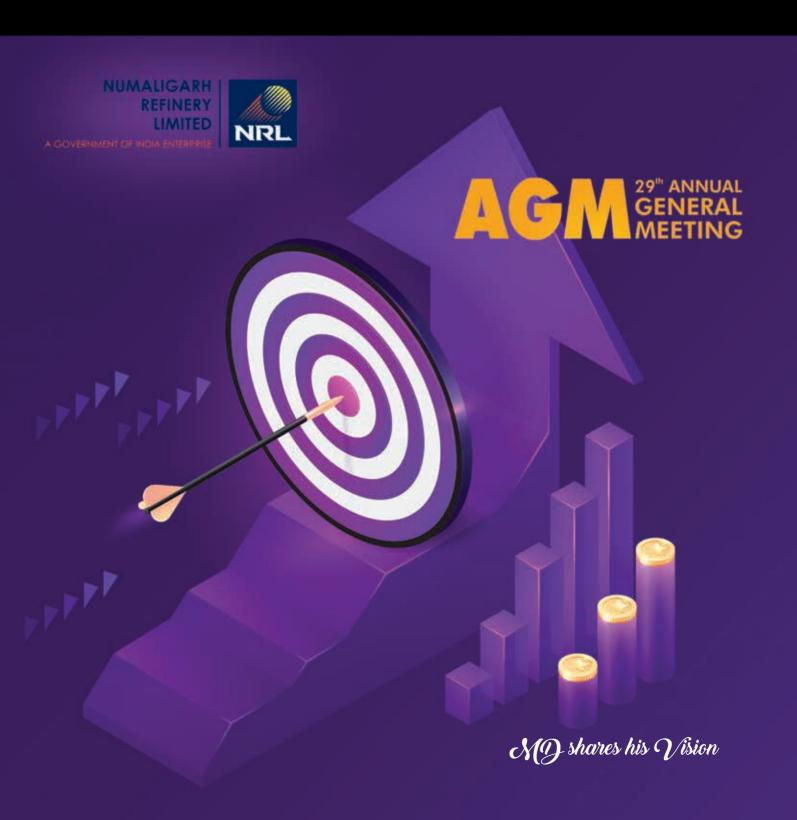
ৰ'দালি

रोदालि

July - September 2022, Vol. 76

Rodali

House Journal of Numaligarh Refinery Limited





CONTENTS

Performance Highlights	1
NRL News	2
People	20
From the Archives	26
In touch with	27
Club News	28
DPS News	31
VK NRL Hospital	33
OIL News	36
BCPL News	37
Hindi Section	39
Assamese Section	42

Rodali : July - September 2022
Published by Corporate Communications Department
for Numaligarh Refinery Limited
122A, G. S. Road, Christanbasti, Guwahati - 5
Website: www.nrl.co.in
Editorial Correspondence

Views expressed in this journal do not necessarily reflect the views of the Management

madhuchanda.adhikari@nrl.co.in

Design & Production: Exclusive Advertising Pvt. Ltd.

From the Desk of the Editor

Dear Readers,

This quarter marked a new dimension for NRL with a new leadership taking over charge. While Dr. Ranjit Kumar Rath took over as Chairman NRL on 3rd August 2022 consequent upon his taking over as CMD OIL; Mr.Bhaskar Jyoti Phukan formally took over the reins as MD NRL on 19th July 2022. Read about MD's vision for NRL in this issue of Rodali.

It was also a milestone moment for your House Journal, Rodali as Chairman did the honours of inaugurating its 75th issue, a happy coincidence with the ongoing celebrations of 75 years of Independence as Azadi Ka Amrit Mahotsav (AKAM). The journey of Rodali has almost been in sync with the journey of this great organisation; capturing, documenting and presenting before its readers defining moments as well as mundane developments that have chartered its course and bound the ever-growing NRL family as one.

The 29th Annual General Meeting of the Company was held on 19th September at NRL's Corporate Office in Guwahati where a dividend of 150% was declared for shareholders. Chairman in his AGM address highlighted developments of the FY 2021-22, envisioning and drawing out the road map the future. The Post AGM Press Meet evinced participation by the Regional and National Press alike. NRL also presented the 1st Interim Dividend of Rs. 114.76 Crore to the Government of Assam for the FY 2022-23 for its equity stake of 26% in the Company. The Cheque was handed over to Hon'ble CM of Assam Dr. Himanta Biswa Sarma by Chairman Dr. R Rath on 20th September.

Swachhta Pakhwada, which was observed from 1st to 15th July was marked by a series of events including massive clean-up drives, awareness campaigns across offices, locations, schools and neighbourhoods along with impactful health initiatives. Hindi Pakhwada, the fortnight long campaign that commenced on 17th September aimed at reinforcing, promoting and most importantly identifying closely with the Official language of the country.

The entire NRL family actively participated in the unique #HarGharTiranga campaign of the Govt. of India from 13th to 15th August by unfurling the national tricolour in homes, offices and public spaces evoking a sense of national pride and spirit of patriotism. The enthusiasm spilled over to the grand Independence Day celebrations in Numaligarh in partnership with CISF NRL Unit, DPS Numaligarh and VK-NRL Hospital.

NRL was also privileged to host some high profile events and visits during the quarter. The Bhumi Puja ceremony for the upcoming 1635 KM Paradip- Numaligarh pipeline at Paradip on 7th July was carried out in the gracious presence of Hon'ble Union Minister of State for Petroleum & Natural Gas, Labour & Employment Shri Rameswar Teli. An interactive session with the Hon'ble MPs of the North-East MP's Forum was organised in New Delhi on 3rd August under the Chairmanship of Shri Kiren Rijiju, Hon'ble Union Minister of Law & Justice; that is expected to hold the company in good stead as it marches ahead with major projects on the anvil. Hon'ble Minister of Industries and Commerce, Govt. of Assam Shri Bijit Borah took stock of NRL's Refinery Expansion Project on his visit to NRL Corporate Office on 1st July. CMD EIL Ms. Vartika Shukla was on a whirl wind visit to Numaligarh during 28-29 July, visiting project sites and interacting with officials through various platforms. NRL also hosted a media delegation of Bangladesh on 20th July and was co-host to the Parliamentary sub Committee on the implementation of official language on 21st September. The NRL family was truly blessed to be granted an audience with Revered spiritual guru Sri Sri Ravi Shankar, who visited NRL Township in Numaligarh on 24th September.

As autumn fades to herald the advent of the cheerful winter months, let us take a moment out in this transition to reflect, resolve and renew our commitment to work, society, environment and humankind as a whole as true global citizens.

With warm regards,

Madhuchanda Adhikari

Connect with us on







Highlights of NRL's performance during Q2 of FY 2022-23

Capacity Utilisation

NRL's crude throughput during the second quarter of the year was 773 TMT, which is 103% of capacity utilisation. Cumulative crude throughput during the year upto Sep'22 was 1,560 TMT which is better than target of 1,443 TMT and 104% of capacity utilisation.

Production Efficiency

Distillate Yield during Jul-Sep'22 and Apr-Sep'22 were 86.95% and 87.91%. Distillate Yield during corresponding period of previous year were 82.43% and 84.76% respectively.

Specific Energy Consumption (SEC) during Jul-Sep'22 and Apr-Sep'22 were 61.51 MBN and 61.55 MBN. SEC during corresponding period of previous year were 64.51 MBN and 64.06 MBN respectively. Energy Intensity Index (EII) recorded during Jul-Sep'22 and Apr-Sep'22 was 83.50 and 81.87. EII during corresponding period of previous year was 86.55 and 85.91 respectively.

Capital expenditure

Capital Expenditure during Apr-Sept'22 was ₹2,597 Crore against annual target of ₹6,874 Crore.

Financial Performance

- Sales turnover during the second quarter of the year was ₹7,559
 Crore while for the period April-Sept'22 was ₹16,308 Crore which is higher by around 28% as against ₹10,588 Crore of the corresponding period of the previous year.
- Gross Refining Margin during the second quarter was \$13.84 per bbl and Apr-Sep'22 was \$23.04 per bbl.
- PBT during Jul-Sept'22 and Apr-Sep'22 were ₹977 Crore and ₹2,883 Crore, which was higher by 31.06% as compared to ₹2,200.04 Crore of the corresponding period in the previous year.
- PAT during Jul-Sep'22 and Apr-Sep'22 were recorded at ₹728 Crore and ₹2,134 Crore; higher by ₹499 Crore as against ₹1,635 Crore of the corresponding period of the previous year.

Ongoing / Upcoming Projects:

i) Refinery expansion from 3 to 9 MMT

a) Status on NREP

- Approved cost of the project is ₹18,968 Crore.
- As on 30th September, 2022, the physical progress was 18.1% and financial progress was 11.98%.
- Cumulative Financial Commitment was ₹14,579 Crore.

b) Crude Oil Import terminal and Paradip-Numaligarh Crude Oil pipeline

- Approved cost of the project is ₹9,058 Crore.
- As on 30th September, 2022, the physical progress was 30.9% and financial progress was 40.69%.
- Cumulative Financial Commitment was ₹6,315 Crore

ii) Indo-Bangla Friendship Pipeline:

Overall physical progress as on 30.09.2022 is 93.7%. NRL's cumulative expenditure in this project up to 30th September, 2022, was ₹284 Crore. The project is targeted to be commissioned by December, 2022.

iii) Investment in new IVs:

a. Assam Bio Refinery Pvt. Limited (ABRPL):

At present on September, 2022, the overall physical progress achieved is 75.0%, while the financial progress is 58.77%.

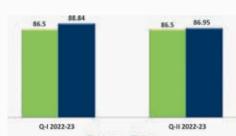
b. Indradhanush Gas Grid Limited (IGGL):

Overall physical progress as on 30^{th} September, 2022, is 53.67% while the financial progress is 26.84%. The project is targeted to be commissioned by March, 2024.

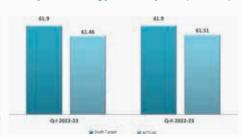
Q2: Crude Throughput (TMT)



Q2: Distillate Yield (%)



Q2: Specific Energy Consumption (in MBN)



Q2: Sales Turnover & Profits



Change of Guard

Dr. R Rath joins as Chairman NRL

Dr. Ranjit Rath, Chairman & Managing Director, Oil India Limited (OIL) has been appointed as Chairman on the Board of NRL w.e.f. 3rd August, 2022.

Dr. Rath, an alumnus of IIT Bombay & IIT Kharagpur, is a reputed Geoscientist with more than 25 years' experience in the field of geosciences.

Dr. Rath, prior to joining as Chairman & Managing Director of OIL, a Navratna PSU under the Ministry of Petroleum & Natural Gas, Govt. of India, was the Chairman cum Managing Director of Mineral Exploration & Consultancy Limited under the Ministry of Mines; Chief Executive Officer of Khanij Bidesh India Limited; Managing Director of Bharat Gold Mines Limited and also held additional charge as

Director General of Geological Survey of India.

Dr. Rath has gained rich experience and expertise through the diverse positions held, spanning from strategy formulation, business development and upstream asset management to application of geosciences & exploration geology in several important projects including creation of Strategic Petroleum Reserves (SPRs), a first of its kind initiative of Govt. of India for achieving energy security by entailing underground rock caverns for strategic storage of crude oil.

Dr. Rath was conferred the prestigious National Geosciences Award by the Hon'ble President of India in 2016 for his immense contribution towards the field of Geosciences.

NRL welcomes Chairman

Chairman NRL and CMD OIL Dr. Ranjit Rath made his maiden visit to NRL Corporate Office in Guwahati accompanied by Director (Finance) OIL Mr. Harish Madhav, Director (Operations) OIL Mr. Pankaj Kumar Goswami, Director (E&D) OIL Dr. Manas Kumar Sarma and senior officials of OIL.

MD NRL Mr. B J Phukan formally welcomed Chairman to NRL, which was followed by a brief presentation covering important aspects of the company. Chairman also inaugurated

the 75th issue of NRL's in-house Journal Rodali, coinciding with 75 years of the Nation's Independence being celebrated as **Azadi Ka Amrit Mahotsav**. In his address, Dr. Rath stressed upon the need of keeping the community and stakeholders positively engaged as the company moves ahead to achieve business goals. 'We have no other choice but to perform since support from stakeholders is overwhelming including the Government of Assam and MoPNG', quipped the Chairman.



MD welcomes Chairman at Corporate Office



MD welcomes Chairman at Oil India Limited Office, Noida, New Delhi



Release of 75th issue of Rodali



Interaction with senior NRL oficials

MD shares his vision

Tr. Bhaskar Jyoti Phukan has assumed the charge of Managing Director, NRL w.e.f. 19th July, 2022. Mr. Phukan is a Mechanical Engineer from Assam Engineering College, Guwahati with more than 30 years of experience in the Oil Industry including Logistics, Marketing, Technical Services and Operation. He started his career in Indian Oil Corporation Ltd. (Assam Oil Division) in the year 1990 and thereafter joined NRL in the year 1999. Prior to his assuming the office of Managing Director, he was Director (Technical) NRL w.e.f. 1st February, 2017,a position he continues to hold.

In a candid interview with Rodali, he shares his thoughts and vision for NRL.

As MD NRL, what is your vision for the Company?

NRL needs to grow and remain relevant for the next 50 years; therefore plans have to be in place to ensure that whatever we do from now onwards has sustainability attached to it. Having said that, in order to remain sustainable in the parlance of a chemical or petroleum industry, size matters. You need to first have the economy of scale to adopt chemical initiatives that are necessary for long term survival. To explain better, if you have a small refinery, the streams which can be converted to a worthwhile chemical will not be good enough to support the expenditure that is required for the project. Therefore, the first step is to increase the refining capacity, which we in any case are pursuing. The second step is to venture into chemicals and petrochemicals, which we are assiduously exploring. Third step is to go green on the existing Scope 1 and Scope 2 emissions, a topic which is very dear to me. And finally, NRL needs to meet its net zero goals. For that, firstly we have to address Scope 1 and Scope 2 emissions which is under our control. Probably, we have to go for in-flight carbon capture and also find a way about what to do with the captured carbon dioxide; perhaps we can convert it to further chemicals. Secondly, we also have to go for production of Green Hydrogen, that can combine very well with captured carbon dioxide to produce certain chemicals. These are pathways on which NRL needs to travel and once we get into chemicals which do not emit carbon dioxide during the lifecycle of its use, particularly if you produce high density plastic (the carbon gets embedded into the plastic and does not get emitted); there won't be any for Scope 3 emission.

To summarize, first we have to grow in size, second we have to go all out for smart chemicals and aggressively undertake reduction in Scope 1 and 2 emissions and once we get into Chemicals, Scope 3 is addressed automatically. This is the pathway that I envision. To achieve this, we have to calibrate the timelines according to demand for auto-fuels and its gradual reduction. Theoretically, till the year 2035, the country will continue to need auto-fuels to supplement its increasing energy demand to support its growth aspirations. We need to do everything possible to calibrate all these activities that I have stated above.

You have had a long association with NRL. How do you look back at your journey?

It has been a very satisfying journey for me from the very day I joined NRL. The first assignment given to me was to commission the Marketing Terminal which at that time was a unique one in terms of integration and digitisation that was planned to be achieved. We had something called loading-rake computer system talking to an ERP system which was unique during that time; making the journey an enriching one.

Interview

After that, I was shifted to Supply and Distribution (S&D) that was already my forte with my earlier association with Indian Oil Corporation. I was also entrusted to create the backbone for supplying to Retail Outlets and subsequently was also handling construction and operation of NRL Retail Outlets, christened NRL Energy Stations a subject new to me but nevertheless in alignment to what I had already been handling. With whatever contribution I could make along with my team, we could create a niche retail presence for NRL. Not only this, our per capita sales from the Retail outlets, were much above our industry peers at that point of time. However, the policies and under-recoveries that followed did not help in sustaining our retail initiative and therefore it had to be abandoned. I was then moved to the Technical functions: initially in Technical Services Department and thereafter in Operations department. While in Operations Department, I encountered the challenge of commissioning NRL's Wax plant which is also a unique and first time indigenisation effort to produce Wax through a domestically developed solvent deoiling process. That was another interesting journey I cherish. There were ups and downs during that period; we had two major accidents in the Refinery - the Hydrocracker Unit fire followed by the CDU fire a year and half down the line. These lows however reinforced our resolve for adopting many more initiatives to make our Refinery safe. We have infused a lot of resources to increase the reliability, safety and also revisited existing processes; a journey that was difficult but fulfilling. Now, we have a refinery which is stable and able to respond to our needs; we have been able to reduce energy consumption and we are considered as one of the best in the business as far as physical performance is concerned. After my tenure as General Manager (Operations), I was elevated to the position of Director (Technical) that gave me a thorough exposure into project execution as well. All these combined made for an extremely exciting journey with NRL so far and I hope this excitement continues till the time I superannuate from the organization.

What according to you are the major turning points for NRL and how has it defined the Company's future?

The world and our nation is in a middle of an energy transition and NRL is not insulated in this respect. Our venture into the new Refinery i e our ongoing refinery expansion project from 3 MMTPA to 9 MMTPA itself has given us the opportunity to draw out a configuration which will support the Refinery to migrate from conventional auto-fuels to petrochemicals. This according to me is the biggest turning point.

Secondly, NRL venturing into biofuels. The upcoming 2G bioethanol plant will not only contribute in Govt of India's focus on Ethanol blending program but is all set to transform the economy of the North East region at large. The feedstock for the plant i.e. bamboo will be continuously procured by NRL for the project and will result in value addition at offsite locations i.e. the rural areas. Further, its transportation to the factory premises envisages infusion of great deal of monetary

resources, paving the way to a sea change in the economy. Apart from ethanol, the plant will also produce niche chemicals which we will add further value.

Thirdly, NRL venturing into a cross-country product pipeline. Bangladesh being our natural market, we have been looking at Bangladesh for many, many years and eventually there will be infrastructure to support that on permanent basis in the form of the India Bangladesh Friendship pipeline expected to be commissioned shortly.

Fourthly, the crude oil pipeline from Paradip to Numaligarh will transform NRL's stature from a local crude-based refinery to a refinery that imports crude oil, processes and manufactures diverse petroleum products including auto fuels. This will also give us the freedom to procure crude oil which is most suited for us from the product and economy point of view.

These are the four major turning points that has laid the ground for NRL of the future.

What are the major challenges that NRL faces today and how do you expect to overcome them?

The first major challenge that I personally feel that NRL faces today is the response of its human resource to the dynamic and changing scenario. We have so far been operating a small refinery and primarily engaged in improving its efficiency and making it stable. The challenges have increased manifold. Now we have to create an asset worth more than ₹28,000 Crore that requires a mindset change. I am glad to see that our people have so far responded positively and lot of our young leaders are take much more responsibility exceeding expectations.

But the challenges are daunting specially in the next four to five years. Not only do we have to build the refinery; but to operate it successfully and to adapt swiftly to the changing environment thereafter.

Second major challenge that I see is the monetary resources to fund major projects. We have tied up our finances for the upcoming projects through loans. However, we may have to tap the market for monetary resources by way of an IPO to build the next generation of projects. This is a very critical and time bound task and we need to handle it in a highly professional manner.

How do you see the company in the next 5-10 years, next 25 years?

The present initiatives undertaken by the Company are expected to deliver the following results in the coming 5-10 years:

- Trebling NRL's refining capacity from 3 to 9 MMTPA.
- Diversifying into value added chemicals and petrochemicals vis-à-vis auto fuels in its product slate.

Interview

- Drastically cutting down on carbon emissions and progressing towards net zero goals.
- Becoming one of the most energy efficient refineries in the country.
- Becoming one of India's premier clean energy companies through Green Hydrogen and Biofuels projects.
- Establishing a stronghold in neighbouring countries as supplier of petroleum products and an enhanced global presence by exporting Paraffin wax.

Long term business goals and planning towards making the company contemporary & sustainable have to be framed to garner the following results for NRL as India turns 100 years:

- Enhance Annual Turnover to ₹60,000 Crore from the present ₹18,000 Crore by the year 2025.
- Achieve Navaratna CPSE status.
- Achieve significant Petrochemical Index comparable to any world class refinery.
- · Achieve its net zero goal.
- Attain energy efficiency and per capita manpower cost comparable to the best in the busy.
- Earn respect as a model corporate entity with the best practices.
- Be perceived as a People's company by meaningful intervention to societal needs and upgrade the community in all its areas of operations.

For the benefit of your readers, please share a few lines about your childhood, education and early days including your family. Also your hobbies.

I started my life journey as an ordinary kid as most my contemporaries who grew up in the 70s. My father Late Golap Chandra Phukan was in the Judiciary and by the time he superannuated, he was elevated to a position of District Judge, my mother Smti Arati Phukan was a teacher in mathematics and she has a big role in shaping my outlook towards life.

We faced resource constraints the same way all the people around that time did. My education was in vernacular Government schools. I was born in Tezpur and started my education in Pub Sarania LP School in Guwahati. My father subsequently got transferred to Silchar and since I started in vernacular medium, I had to get admitted to the lone vernacular medium school run by the local Sahitya Sabha unit called Deshbhakta Tarun Ram Phukan School in Silchar. I studied there upto Class VII after which my father got transferred back to Guwahati and I got admitted to Cotton Collegiate School in class VIII. Thereafter, I studied in Cotton College followed by Assam Engineering College, Guwahati. That summarizes my educational career.

My immediate family comprises of my wife Geetali, who is a homemaker, now pursuing her passion in law and currently enrolled in the Masters Program in Law from JB Law College, Guwahati. Our daughter Maitry completed her BE from Jorhat Engineering College and went on to pursue her masters in Delft University of Technology, Netherlands. She has embarked on her professional journey recently. Our son Anshuman is pursuing his engineering from Bennett University, Noida, UP.

From childhood, I developed a hobby for sports. I played many sports, though not professionally. I was doing reasonably well in badminton and cricket to start with, but later on I picked up tennis as well. Sports and sports related reading was my only hobby while growing up and it continues till date.

Though I do not get an opportunity to play nowadays, but I catch up by reading sports columns that gives me a great deal of pleasure. Watching live telecast of sporting events is a luxury I cannot afford, but I do have a look at the highlights.

And finally, what is your message for our employees?

My message to our employees would be in 3-4 areas.

Number One: There is no replacement for hard work. At the same time, if we combine smart work with hard work, the results will be much more than what we expect.

Number Two: We need to change constantly to stay afloat for change is the only constant. Most importantly, we cannot avoid change but face it with a positive attitude. Adapting to changes around us should be imbibed as a habit. There will be difficult times where adapting to changes is the only way forward to overcome a situation or else perish. The strongest manifestation of the same in the recent past is the way we handled the COVID pandemic. Work From Home (WFH) to working with a lean manpower were some of the many firsts that we had to adopt as a response to the situation. Needless to say that the kind of discipline that we maintained during that period helped to see us through that period.

Number Three: Honesty towards work. However hard we work, however smart we work, if we are not honest, we will not be able to succeed in the long run. The bottom line is that so we need to be honest in whatever that we do, howsoever we do it.

Number Four: Sustainability is a word that is being freely used everywhere and anywhere, often casually. My point is sustainability has to come from within. If we talk about circular economy, we have to practice the same in our own lives to start with; only then will it spill over to our Company, to the society. It is very important to keep that in mind.

Once we focus in these areas, success is but a natural outcome.

29th AGM of NRL held



A glimpse of the 29th AGM of NRL at Corporate Office, Guwahati

The 29th Annual General Meeting of our Company was held on 19th September, 2022 at NRL Corporate Office, Guwahati. The Meeting was presided over by Chairman NRL and CMD OIL Dr. R. Rath and was attended by MD

NRL, Mr. B. J. Phukan and other members of the NRL Board and shareholders of the Company.

A Dividend of 150% during the Financial Year 2021-22 (₹15.00 per fully paid equity share of ₹10 each) was declared at the AGM. The Financial Year 2021-22 ended on a positive note, despite challenges and uncertainties that the Company was able to successfully surmount; leveraging on resilience, adaptability and robust systems and procedures. The Chairman's address to

shareholders is reproduced for the benefit of our readers.

Post AGM, a **Press Meet** was organized and presided over by Chairman Dr. R Rath with MD Mr. B J Phukan and Director (Finance) Mr. Indranil Mittra accompanying him on the dais. They took various questions from the regional and national media on the various facets of the company, major projects on the anvil and its future roadmap. The Press Meet was streamed live on Facebook that gathered immense digital response.

To celebrate the accomplishments of the Company, a post AGM evening and dinner was

hosted at Hotel Vivanta in honour of all the shareholders and well-wishers of the Company along with distinguished personalities from all walks of life.



Chairman addressing the Post AGM Press Meet

Chairman's AGM Address

Introduction

It is a pleasure and privilege to welcome you all to the 29^{th} Annual General Meeting of NRL. It is also a great honour for me to address my first AGM of NRL as Chairman. Notice of AGM, Director's Report and Audited Accounts have been tabled and with your kind permission, I consider them as read.

The Financial Year 2021-22 ended on a positive note despite challenges and uncertainties that was surmounted successfully leveraging on resilience, adaptability and robust systems and procedures. Your Company, during the year, recorded several best ever Parameters and Performances, namely (i) Highest ever Sales Turnover, (ii) Highest ever Profits, (iii) Highest ever Gross Refining Margin and (iv) Highest ever CAPEX.

Performance Highlights

Physical Performance

On the physical performance front, during the FY 2021-22, your Company achieved a throughput of 2,624 TMT, which included 23 TMT of imported Crude oil. Crude oil processed during the previous year was 2,707 TMT. Lower crude processing compared to the previous year was mainly due

to demand destruction of HSD during the first quarter of the year owing to 2^{nd} wave of COVID pandemic. Your Company commenced blending of Ethanol in MS at the Siliguri and Numaligarh Marketing terminals. The first year marked 1,122 KL Ethanol blending and same is gaining momentum in the current financial year. The refinery continued to show impressive performance in the area of Energy Efficiency parameters. Specific Energy Consumption at 63.51 MBN improved further from 64.37 MBN achieved during the previous year. Energy Intensity Index of the refinery also showed an improvement during 2021-22 at 84.68 vis- à-vis last year's Energy Intensity Index of 86.99.

Marketing Performance

On the marketing front, product sold during the year was 2,799 TMT compared to 2,924 TMT in the previous year. The reduction in sales quantity was mainly due to demand destruction with the onset of 2nd wave of COVID in the month of April 2021. Sales within Northeast at 1,090 TMT marked significant improvement of 39% of total sales against 28% in the previous year at 817 TMT, which contributed towards savings on account of CST and freight under-recoveries. Sales during the year comprised 56 TMT of Gas Oil exported to Bangladesh and 125 TMT Naphtha to Brahmaputra Cracker and Polymer Limited (BCPL) from

external sources.

Financial Performance

On the financial front, the FY 2021-22 has been a landmark year, with reason to cheer about. During the year, your Company achieved Highest ever Sales Turnover of $\ref{23,546}$ Crore, which was higher by 26.95% as against $\ref{18,548}$ Crore in the previous year, primarily on account of increase in product prices. Your Company also achieved Highest ever Profit before Tax at $\ref{4,848}$ Crore, which is higher by 18.37%, as compared to $\ref{4,083}$ Crore of the previous financial year, mainly due to increase in overall gross margin and higher inventory gains. I am happy to share with you that your Company posted record profits for the year with Profit after Tax of $\ref{3,562}$ Crore as compared to $\ref{3,036}$ Crore of the previous year, registering an increase of 17% at $\ref{525}$ crore. The Compound Annual Growth Rate (CAGR) for PAT stood at 27.41% since commencement of commercial production. The Earning per Share (EPS) for FY 2021-22 stood at $\ref{48.42}$ as compared to $\ref{41.27}$ in FY 2020-21.

Net worth of the Company has increased to ₹8,388 Crore as on 31^{st} March 2022 as compared to ₹5,596 Crore in the previous year and the Company contributed a total of ₹5,809 Crore to the Government Exchequer in the form of taxes, duties, and dividends.

Your Company recorded the highest ever Standalone Capital expenditure at 3,605 Crore, 3 times higher than its previous best of 1029 Crore in the FY2020-21. In addition to project CAPEX, NRL has made equity investment of 38.54 Crore in the JVs – ABRPL and IGGL.

I am happy to report that your Company has NIL comments from the Comptroller and Auditor General of India continuously since last several years including last FY 2021-22.

Project Performance

Your Company is determined in its pursuit of executing the major ongoing projects in hand; namely, (i) Numaligarh Refinery Expansion Project, (ii) Paradip Numaligarh Crude Oil Pipeline & Crude Oil Import Terminal at Paradip, (iii) 2G Ethanol Project and (iv) India-Bangladesh Friendship Pipeline (1BFPL). In the next 5 years, your Company has planned to invest more than ₹35,000 Crore in completing these projects which will enable long term business growth, both in terms of revenue and profit. Hence, completing these projects without any time and cost overrun remains the core focus area of the Company.

Financial Institutions have shown immense faith on NRL for its ability to execute major project by way of granting a long term loan of ₹18,904 Crore for the Numaligarh Refinery Expansion Project. With this loan, financial closure for the project has been achieved in the year 2021-22.

Environment initiatives

On the environment front, your Company has assiduously embarked on its net zero journey and will have a definite road map to reach its goal by the end of this financial year.

Digital initiatives

Taking its step forward in digital transformation, NRL became the first PSU in Oil & Gas sector to migrate to S/4 HANA ERP from SAP ECC 6.0 ERP. The project was completed with involvement of the implementing agency in full remote mode. Timely completion of the project has demonstrated the commitment of NRL which requires proper project monitoring and channelization of the resources to meet the milestones on time. To enhance the organization's functional capabilities and to keep up with the refinery expansion and foraying into new business,

additional features were also implemented, viz. 'Financial Closing Cockpit' for centralizing and making month end closings seamless and faster and 'Contract Lease Management' for full compliance with Ind AS 116 accounting standard requirements.

To cut down the approval and scrutiny cycle of engineering documents, an electronic data and document management system has been put in place using cloud-based technology for Numaligarh Refinery Expansion Project. This solution is enabling the company to secure a collaborative environment among engineering consultants engaged in the project and has fully automated the process of document management.

Corporate Governance

Your Company has been very resolute in practicing the highest levels of integrity, transparency, accountability, and ethics in all its spheres of business activities and has ensured to continue travelling in its growth trajectory. During the year under review, your Company complied the Corporate Governance

Guidelines issued by DPE to the extent applicable for a non-listed PSU. You will be glad to know that the Company has been consistently achieving an 'Excellent' score as per the DPE Corporate Governance grading since introduction of the grading methodology.

Synergy with OIL

Both NRL and OIL have a strong presence in their respective segments of the oil and gas value chain and there are endless possibilities of synergy between the two organizations. I look forward to create and promote a conducive environment for such synergies and I am optimistic that such synergy will add value to both the companies.

Acknowledgements

On behalf of the Board of Directors of the Company, I would like to express my sincere appreciation for the hard work and efforts put in by every employee of NRL in face of the unprecedented challenges and adversities presented due to the pandemic. The Board also acknowledges the contribution of all the stakeholders including customers, dealers, contractors, suppliers and bankers for their unrelenting support and continuous cooperation.

I would also like to place on record my sincere gratitude for the support extended by the Central Government, particularly the Ministry of Petroleum & Natural Gas, the Government of Assam and other Government Departments. The Board would like to thank all the present and past share owners of NRL - Oil India Limited, Government of Assam, Engineers India Limited including the erstwhile promoter, Bharat Petroleum Corporation Limited for the trust reposed on the company in executing major projects.

I also take this opportunity to extend my sincere appreciation to all the colleagues on the NRL Board for their passionate support, co-operation, and deep focus in keeping your company in a high growth trajectory. I sincerely wish to express my sincere gratitude for reposing your faith and confidence in the Company's Management.

We are on a path of rapid growth and progress. With your renewed trust and support, I am sure we can achieve greater heights and constantly create value for all the Stakeholders and the Nation by aligning ourselves with the Hydrocarbon Vision 2030 for NE India.

Thank you and Jai Hind!

Sd/-

Dr. Ranjit Rath

Chairman

Interim Dividend Cheque to Govt. of Assam

NRL presented the 1st Interim Dividend of ₹114.76 Crore to the Government of Assam for the FY 2022-23 for its equity stake of 26% in the Company on 20th September, 2022.

Chairman NRL and CMD OIL - Dr. Ranjit Rath presented the Dividend Cheque to Hon'ble Chief Minister of Assam - Dr. Himanta Biswa Sarma in the presence of Hon'ble Minister of State, Petroleum and Natural GasShri Rameswar Teli; MD NRL Mr.

Bhaskar Jyoti Phukan; Director (Finance) NRL Mr. Indranil Mittra; Independent Director of NRL Board Mr. Sudip Pradhan and GM (Corp. Comm.) NRL Smti. Madhuchanda Adhikari at the State Secretariat.



Earlier on 8^{th} August, 2022, the Board of Directors of NRL had approved the payment of 1^{st} Interim Dividend for Financial Year 2022-23 @60% (i.e. INR 6.00 per fully paid equity shares of INR 10 each) on the paid up share capital of the Company.

Events and Inaugurations

Swachhata Pakhwada - 2022

Swachhata Pakhwada is one of the important campaigns under Government of India's Swachh Bharat Mission (SBM) which focuses on raising awareness on cleanliness and hygiene. The Govt. set forth the initiative of Swachhata Pakhwada on April, 2016 to celebrate the 3rd anniversary of SBM in the form of Swachhata Pakhwada.

Every year, a calendar for *Swachhta Pakhwada* is circulated by the Cabinet Secretariat and Ministry of Jal Shakti (Drinking Water & Sanitation). The threat of Covid 19 is still looming large and therefore, observance of Swachhata Pakhwada acquires added meaning this year too as proper sanitation and hygiene is considered among the best defenses against COVID-19.

At NRL, we have always focused on maintaining cleanliness and hygiene in plant areas, residential places and in the neighbourhood through effective programs as per the direction of MoPNG. A fortnight campaign was organized from 1st - 15th July, 2022 as per the guidelines of MoPNG to make cleanliness a mass campaign.

Swacchata Pakhwada was flagged off on 1st July, 2022, with *Swachhata* Pledge administered across different units of the Refinery site at Numaligarh and all locations of the company i.e. NRL Corporate Office, Guwahati, Siliguri Marketing Terminal and Delhi Office to reaffirm NRL's commitment to cleanliness.

Swachhata Pakhwada Pledge taking



At Guwahati



At New Delhi

NRL News



At SMT



At NRL Football Academy



At VKNRL School of Nursing







Inauguration of facilities during Swachhata Pakhwada



Under flagship project 'Parichhannata', toilet blocks inaugurated in two schools viz. Rangamati High School and Sankardeva Sishu Niketan, Kamargaon under Golaghat district on 4th July, 2022



Toilet blocks inaugurated in two schools, namely Madhupur LP School, and Garamur Bortika LP School under Golaghat district of Assam in the presence of NRL Officials, School management committee members and teaching staff on 6th July, 2022



Drinking water system inaugurated in Tuleshwari Barua Moinapar High School with provision for 3-year maintenance in the presence of NRL Officials under CSR endeavour for preventive healthcare on 8th July, 2022

NRL News

Events and Inaugurations



2 RO Drinking Water Plants (1000 LPH Capacity) installed under Sandhakuda Municipal area at Paradip, Odisha, on 12th July, 2022, which will benefit almost 8,000 people



A public toilet block inaugurated in the presence of senior officials from Assam State Transport Corporation and NRL at Inter State Bus Station, Jorhat on 13th July, 2022. The NGO Go Green Enterprise engaged for the collection and delivery of plastic waste for further processing as refusederived fuel resulted in the delivery of 5 tonnes of plastic waste on the same day



Inauguration of drinking water plants in two educational institutes, namely Furkating College and Rongbong ME School in Golaghat in the presence of NRL officials and representatives from project partner M/s

Eureka Forbes on 15th July, 2022



Handing over of an Ambulance vehicle to Holy Spirit Hospital, Haflong on 15th July, 2022

Other programs held as a part of Swachhata Pakhwada



An essay writing competition organized on 2nd July, 2022 at VKNRL School of Nursing that witnessed participation of 40 students



Players of NRL Football Academy along with coaches, support staff and other members cleaning surrounding areas near the academy playground as well as their hostel campus on 3rd July, 2022





Awareness meeting on 4th July, 2022 with teachers, students and guardians on Swachhata to re-emphasize the need for effective waste management through waste segregation, discarding the use of single-use plastic and use of paper bags, jute bags etc.

100 jute bags were distributed among the villagers of Ponka Gaon Panchayat

Events and Inaugurations

Other programs held as a part of Swachhata Pakhwada







NRL Officials hand over 50 medicinal saplings and 10 dustbins at Tuleshwari Barua Moinapar High School and Dandodhar Girls High School on 5^{th} July, 2022





A special health camp organized in flood-affected Jugonia village under Golaghat district on 7th July,2022 by VKNRL Hospital under the CSR flagship project 'Niramoy' - with a total of 110 villagers screened and provided free medication. Furthermore, an awareness meeting on menstrual health & hygiene also organised with the health workers from nearby health centres and sanitary napkins distributed among 200 village women in a remote ST village.



An art competition held on 8th July, 2022, among the children (Class II -V) on Swachhata theme under the summer camp conducted by NRL at Township premises



A special health camp organized for village women in the Borgoria- Rajabari area of Golaghat district on 9th July, 2022, carried out by VKNRL Hospital under the CSR flagship project 'Niramoy', providing free screening and medications to a total of 93 women beneficiaries



A district-level art competition organized at Sati Sadhani Kalakhetra of Golaghat town on 10th July, 2022, witnessing a participation of 253 children followed by an awareness meeting and a cultural programme

Interactive session with NE MP's Forum

An interactive session with the Hon'ble MPs of the North-East MP's Forum was organized by NRL at New Delhi on 3rd August, 2022 under the Chairmanship of Mr Kiren Rijiju Hon'ble Union Minister of Law & Justice.

The interaction was attended by Hon'ble Union Minister of Ports, Shipping and Waterways and AYUSH Shri Sarbananda Sonowal. Hon'ble MoS for Petroleum &

Natural Gas and Labour & Employment Shri Rameswar Teli, Hon'ble MoS for External Affairs and Education, Dr. Rajkumar Ranjan Singh, Hon'ble MoS for Social Justice Smt. Pratima Bhoumik, General Secretary North-East MP's Forum Shri Vincent Pala, and most of the Hon'ble MPs from the North-East MP's Forum. CMD OIL and Chairman NRL Dr. R Rath, MD NRL Mr. B. J. Phukan and the leadership of OIL and NRL also graced the interactive session.





Events and inaugurations

NRL's presentation of its operations, projects and activities to the forum was widely appreciated by the Hon'ble Ministers and MPs. Questions and queries regarding the company were duly answered by MD, NRL to the satisfaction of the Hon'ble MPs who appreciated

the efforts of NRL and committed their unwavering support for smooth implementation of its ongoing Mega Refinery Expansion project from 3 MMTPA to 9 MMTPA and the first of its kind 2G Bio Refinery being implemented through a JV, Assam Bio Refinery Pvt. Ltd.

55th Engineers' Day celebrated

Engineers' Day is celebrated on 15th September to commemorate the birth anniversary of the legendary engineer Sir Mokshagundam Visvesvaraya. 55th Engineers' Day was celebrated in NRL with enthusiastic participation of employees.

The Keynote address was delivered by Dr. Prabir Barooah (Professor, Electronics and Electrical Engineering, IIT Guwahati) on the theme 'Smart Engineering for a Better World'.

There were 2 technical papers presented in the technical session:



Paper 1: A step towards digital refinery : Automated Oil Accounting and Mass Reconciliation by Ms. Savarna Rhitu Borpuzari, SM(TS-Planning)

Paper 2: Heavy Oil Management in Refineries by Mr. Abhijit Neog, DGM(Project-Process)

NRL Participates in the 25th Energy Technology Meet 2022

N umaligarh Refinery Limited participated in and attended the 25^{th} Energy Technology Meet 2022 from 15^{th} to 17^{th} September held at Mumbai, Maharashtra.

With 'Refining in the New Energy Era' being the theme of the prestigious Meet organised by the Ministry of Petroleum and Natural Gas – Centre for High Technology and Hindustan Petroleum Corporation Limited, Ms. Geetali Kalita and Mr. Debashis Thakur participated in the event with poster presentations on the following topics:

- Waste Ammonia Recovery and Value Addition through utilisation in the adjacent Biorefinery
- 2. Pathway to Net Zero and Sustainable Alternatives such as DNS Fuel
- 3. Options open towards Net Zero and associated Challenges

The intent of the Meet envisaged a sustainable, energyefficient economy for the future of India, highlighting the



need to move towards bio-fuels in the wake of the energy crisis facing the world at large today; and of the nation's preparedness with the Oil and Gas Companies fervently working towards the realisation of the Honourable Prime Minister's dream of energy affordability and availability to each and every citizen of the country.

Events and inaugurations

76th Independence Day

Our country celebrated its 76th Independence Day on 15th August, 2022. To monumentalize the glorious history of our people, culture and achievements, Azadi ka Amrit Mahotsav was celebrated all across the country commencing on 12th March, 2021 as a 75 week countdown ending on 15th August, 2023. With patriotic fervour, NRL celebrated Independence Day across all locations of the Company.

At Numaligarh, the celebrations were organized in

collaboration with CISF NRL Unit, DPS Numaligarh and VK-NRL Hospital at NRL Township.

MD NRL Mr. B J Phukan graced the celebrations at Numaligarh as the Chief Guest and unfurled the National Tricolour which was followed by rendition of the National Anthem, ceremonial guard of honour, march-past by CISF AISF and NCC, distribution of security awards and performance by cultural troupes. The entire event was telecast live on NRL social media platforms.

Glimpses of Independence Day celebration at Numaligarh

















At NRL Corporate Office, Guwahati

At Siliguri Marketing Terminal

#HarGharTiranga Campaign evokes patriotic fervour

Our relationship with the Tricolour has always been formal and institutional. To evoke a sense of patriotism among the people so that they can identify closely with the most visible symbol of national pride, the #HarGharTiranga campaign was started under the aegis of Azadi Ka Amrit Mahotsav. Under this campaign which was rolled out

nationally from 13th to 15th August, 2022, people were urged to bring and hoist the *Tiranga* at home. *#HarGharTiranga* was celebrated enthusiastically at NRL with employees, their families, contract workers and stakeholders waving the National Tricolour not only at home, but also at their workplace and community spaces.



#HarGharTiranga moments at various locations and units of NRL

Pipeline News

Bhumi Puja for Crude Oil Import Terminal at Paradip



ABhumi Puja ceremony was conducted on 7th July, 2022, in the gracious presence of Hon'ble Union Minister of State for Petroleum &

Natural Gas, Labour & Employment Shri Rameswar Teli, to mark the auspicious beginning of the Crude Oil Import Terminal to be built by NRL at Paradip port as part of the Company's Integrated Refinery Expansion plan to enhance its capacity from 3 MMTPA to 9 MMTPA.

MD NRL Mr. B J Phukan; Director (Finance) NRL Mr. Indranil Mittra; Independent Director NRL Mr. Sudip Pradhan;

Chairman Paradip Port Authority, Mr. P. L. Haranadh; senior officials of NRL; Indian Oil Corporation Ltd. Paradip Refinery; Paradip Port Authority and NRL business partners were present at the occasion.

The Terminal with 10 Crude Oil Tanks of capacity 60,000 KL



NRL News

Pipeline News

each will be constructed in a plot measuring 234 acres which has been leased out by Paradip Port Authority on long term basis. NRL will import crude oil from Paradip Port through a 1630 KM Crude Oil Pipeline to Numaligarh.

The 6 MMTPA Pipeline will be a lifeline for all the Assam based Refineries since it would ensure Crude Oil availability in the region in the future.



Picture Speak



Director (Finance) Mr. Indranil Mittra inaugurates Water ATM in the presence of Paradip Municipality Chairman at Paradip, Odisha



Director (Finance) Mr. Indranil Mittra performing Bhumi Pujan for setting up of civil construction of first SV station (SV-11) of PNCPL at Hidigaon, Balasore, Odisha



Pilot boring for 1st HDD of PNCPL by CIPL at River Nunia, Odisha on 1st July, 2022



Kick-off meeting at Corporate Office for major HDD from Sonapur Hut to Numaligarh on 15th July, 2022

NRL Pipeline Geographic Information System Launch

In its continuous endeavor towards adoption of efficient and digital solutions to enhance productivity and accessibility, NRL has launched the most advanced 'Pipeline Geographic Information System' for Paradip Numaligarh Crude Oil Pipeline (PNCPL) on 16th August, 2022, at NRL Corporate Office, Guwahati.

The system was inaugurated by MD NRL Mr. B. J. Phukan in the presence of GGM (Project) EIL Mr. N. S. Basudev, Head (Project Pipeline) Mr. P. J. Sarma and senior officials of NRL, EIL, M/s Secon Pvt Limited and M/s SKP Projects Private Limited.

The application shall be hosted on ESRI-provided ArcGIS

platform, with latest 0.5 M High Resolution Satellite Imagery (HRSI) of the entire 1635 km pipeline route (with 1.5 km on either side) sourced through the National Remote Sensing Centre (NRSC) for using as base map for the solution.

The solution shall be hosted on NRL server and will be available

for view access from various pipeline locations. All pipeline data like crossing details, permissions, detail survey reports, alignment sheets, route maps, cadastral maps etc. shall be geo-tagged and mapped with the actual location in the base map. Layers of data such as demand note, payment details,



Pipeline News

BG details, NOC and agreement for individual crossings shall be mapped in the location and shall be accessible at a mouse's click.

Other ArcGIS layers such as geotechnical investigation reports of rivers and stations, topography reports, engineering drawings issued for construction (IFC) drawings, all RoU data like 3(1),

6(1) schedules, notices, panchanama details, compensation details, land and crop award, payment details etc., shall also be available. The system is also designed to accommodate pipeline data, images, videos etc. geo-tagged into the HRSI of the pipeline location.

Plant visit at Pipeline manufacturing unit

 \mathbf{P} lant visit was carried out to M/s Mega Pipes Pvt. Limited by GM (Project Pipeline) (I/C) Mr. P. J. Sarma, along with Advisor, NRL Mr. V. Mittal, to witness & expedite manufacturing of line pipes on 22^{nd} July, 2022 at Hedavali, Raigad, Maharashtra.

The manufacturer is supplying a total of 287 km of 26 inch dia, 9.2 mm WT, API 5L PSL 2, X70 grade CS pipes for Assam section of Paradip Numaligarh Crude Oil Pipeline (PNCPL). The tendering was conducted through GeM for 491 km, order of which was placed in March, 2022. Previously, 1164 km of

lines pipes were also awarded through GeM. With these two orders, entire line pipe ordering for PNCPL stands complete.



SMT Snippets

SMT CSR Activities

With the intent of fostering a better and healthy society, SMT (NRL) carried out 'Azadi Ka Amrit Mahotsav' CSR activity at two schools namely Rangapani High School and Sacred Heart School on 12th September, 2022. Rangoli, Essaywriting and Drawing competitions were organised to enable nurturing of skills and inculcate civic values within each individual participant, in order to help them emerge as active members of the society with a positive and lasting impact at large; followed by a prize distribution ceremony at the end.







At Rangapani High School







At Sacred Heart School

SMT Snippets



Handing over of 8 Royal Enfield Bullets with helmets, necessary documents and keys for emergency preparedness to Siliguri Metropolitan Police as a CSR initiative on 31st August, 2022

Marketing Snippets

MoU signed with Oil India Limited for Sale of High Speed Diesel

As part of NRL's endeavor to enhance business synergy with Oil India Limited, the Marketing Department of NRL signed an MoU with Oil India Limited to supply High Speed Diesel to OIL's Drilling Rigs located in the districts of Dibrugarh, Tinsukia, Sibsagar and Charaideu in Assam.

With the initial MOU having been signed for the supply of 3,300 KL for one year; this 10th of August, 2022 witnessed the MOU period enhanced to two years with total quantity of HSD at 7,200 KL till 2024.

The MOU signing was orchestrated at NRL Marketing Office, Guwahati – with GM (Materials), OIL Mr. Ganesh Chandra Sharma signing the MoU with CGM (Marketing) NRL Mr. Subrata Das.



MoU Signed with OIL for sale of HSD at NRL Marketing Office, Guwahati on 10th August, 2022

CSR Snippets

NRL to support North East Military School

An MoU was signed on 4th September, 2022 between NEMS and NRL in presence of Hon'ble Minister of State, Ministry of Petroleum and Natural Gas and Ministry of Labour & Employment, Government of India Sri Rameswar Teli, local MLA Bijni, Deputy Speaker BTC, District Administration and Board Members of NEMS. Sri Anupam Sarkar, Secretary of NEMS Trust and Dr. Kajal Saikia, CGM (HR & Legal) were the signatories of the MOU.



MoU signing

Eco-friendly initiative

As an eco-friendly initiative, the NRL CISF unit planted lemon trees in the CER project of Muga plantation at Bogidhala VGR (Village Grazing Reserve). The lemon plants are intended to act as bio fencing against intruding wild elephants. To protect the Muga plantation undertaken in the project, blocks of such plantations are planned to be allotted to CISF, SHGs, and Colleges to involve them in this important initiative.





CSR News in Pictures



Handing over of Mortuary van to Zenith Jubelieth Club, Shillong on 7th September, 2022



Handing over of Tata Winger Ambulance to Mohuramukh Public Health Centre on 8th September, 2022.





2 Solar Cold Storages inaugurated on the Foundation Stone laying Ceremony of Panbari Amrit Sarovar on 17th September, 2022

Fire & Safety Snippets

Activities carried out by Fire & Safety Department during the period of July to September 2022

- First Aid Training was conducted for NRL Employees by St. John Ambulance from 5th July, 2022 to 18th July, 2022.
- NRL hosted the 1st Synergy Meet on 'Health, Safety & Environment' with BCPL and OIL on 11th August, 2022.
 NRL, BCPL and OIL offered presentations on the Health, Safety and Environment Management System in their respective companies. OIL also displayed a presentation on Pipeline Safety.
- Fire and Safety induction training for newly recruited Nonmanagement Trainee was conducted on 25th August, 2022.
- Safety Awareness Program was conducted for LPG Tank Truck Drivers on 26th August, 2022 in presence of BPCL and NRL Officials.
- Level-2 emergency mock drill was conducted at HCU on 16th September, 2022.
- Fire and Safety Training for 202 CISF Personnel was carried out.

 An onsite Disaster Mock Drill was administered at Rail Loading Gantry (SMT) on 26th September, 2022

Photo Gallery

Photo 1	1 st Synergy Meet on Health, Safety and Environment
Photo 2	Fire and Safety induction training for Non- management Trainee
Photo 3, 4	Safety Awareness Program for LPG Tank Truck Drivers
Photo 5, 6	Level-2 Emergency Mock Drill at HCU
Photo 7, 8	Fire and Safety Training for CISF
Photo 9	An onsite Disaster Mock Drill administered at Rail Loading Gantry (SMT) on 26 th September, 2022







Fire & Safety Snippets















MoPNG News

Union Minister for Petroleum and Natural Gas addresses 25th Energy Technology Meet in Mumbai, reiterates commitment to concept of Net Zero

Union Minister for Petroleum and Natural Gas Shri Hardeep Singh Puri addressed the 25th Energy Technology Meet, organized by Centre for High Technology (CHT), under the aegis of Ministry of Petroleum & Natural Gas (MoP&NG), Government of India, in association with Hindustan Petroleum Corporation Ltd in Mumbai from 15th to 17th September, 2022. The Minister highlighted India's progress in ensuring energy security to its citizens and outlined the Government's plans to make the country's energy mix more sustainable and environment friendly.



Formerly known as the Refining and Petrochemicals Technology Meet, the Annual Energy Technology meet sees global participation with over 1000 delegates from India and abroad attending. The event which runs from $15^{\rm th}$ to $17^{\rm th}$ September this year, provides a platform for exposition

of recent advances and technological developments that are of direct relevance to the Energy sector. Under the theme of 'Refining in the new Energy era', the 25th Energy Technology Meet will focus on the changing energy landscape in the country.

Addressing the gathering, Union Minister for Petroleum and Natural Gas said that despite the unique challenges posed by the current global setting, India is wedded to the concept of net zero and is committed to making a transition from the world of hydrocarbons to a world where green and sustainable energy will be determining our energy needs.

The Minister stated that in the wake of global crises, India has fared extremely well on three fronts - energy, food and fuel. The country was able to navigate out of the crises brought by global headwinds with a degree of confidence, assuring energy availability and affordability. He said that the country's per capita energy consumption is one-third of global average now and will surpass it in the years to come. India is on a path to become a 10 trillion-dollar economy in 2030 and third largest economy in the world by 2047 and therefore there is a growing need to change the energy mix, he said. He reiterated the Government's resolve to not let anything undermine commitments towards green transition.

Highlighting the progress the country has made in the Energy sector, The Minister said that today modernization and digitization have become an imperative rather than a choice. By May 2022, India already attained 10% bio-fuel



blending, and is on course to reach the 20% mark in a year or two. He added that the Government's attitude has always been positive and supportive and assured that whenever attention is drawn to any area where there is scope for a more supportive environment, interventions required to produce the same will be made.

Union Minister of State for Petroleum and Natural Gas, Shri Rameswar Teli also addressed the delegates present and shed light on the country's strides in the field of Petroleum and Natural Gas. He informed of the Government's resolve to raise the share of Natural Gas in the country's energy mix to 15% by 2030 from its current share of just above 6%. He added that the Government under the leadership of Prime Minister Narendra Modi has decided that 18 thousand Compressed Natural Gas (CNG) stations would be set up in the country by 2030. He also listed various other measures taken by the Government of India to ensure better availability of both CNG and (Piped Natural Gas) PNG across the country.



The 25th Energy Technology Meet witnessed a total of 82 oral papers including 43 by foreign companies and 24 speakers from abroad, spread over 15 Technical Sessions. Additionally, 16 Exhibition Stalls are also put up by leading Oil Companies, technology / service providers showcasing their technology, product and services.

People

MD Addresses SPE Summit, Bengaluru

M D NRL Mr. B J Phukan represented the company at the SPE Summit on the theme 'Pathways to Net Zero - Challenges and Opportunities for India in the Larger Global Context' organized at Shell Technology Centre in Bengaluru on 15th July, 2022. He participated as a speaker in the Panel Session on the topic 'Enabling Framework to Meet Net Zero Goals.'



DF Speaks at Maritime Public Private Partnership Conclave-2022

NRL Director (Finance), Mr. Indranil Mittra was invited by Paradip Port Authority to participate in the Maritime Public Private Partnership Conclave-2022 held in Bhubaneswar on 18th August 2022.

In his opening remarks as the moderator for the session, 'Reduction of Logistic Costs in Maritime Sector – Role of PPP', DF shared his valuable insights on how logistic cost could be optimised by bringing in more efficiency in operations and cost of capital by adopting PPP model.

He also highlighted the importance of having flexible models to make projects bankable and reduce the risk of uncertainties to investors in a changing environment where projects have an average lifecycle of 25 to 30 years.



Atithi Devo Bhava

Hon'ble Industries Minister, GoA Visits NRL Corporate Office

Hon'ble Minister of Industries and Commerce, Government of Assam, Shri Bimal Borah visited NRL Corporate Office at Guwahati on 1st July, 2022. He was accompanied by Commissioner of Industries and Commerce, Government of Assam Hon'ble Shri Oinam Sarankumar Singh. They were accorded a warm welcome by MD NRL Mr. B J Phukan. A presentation on activities of the ongoing Numaligarh Refinery Expansion Project to treble refining capacity from 3 MMTPA to 9 MMTPA was made to apprise them of the progress and problem areas. Hon'ble Minister assured NRL of all the support and wished the Company all the very best.



Media delegation from Bangladesh visits NRL Corporate Office

NRL hosted a 20-member delegation of Media from Bangladesh on 20th July, 2022, at its Corporate Office, Guwahati. The Media delegation was accompanied by officials from MEA, Govt. of India and State DIPR. NRL MD Mr. B J Phukan welcomed the delegation and a brief overview of the company was shared through a presentation. The delegation was apprised about the marketing opportunities that NRL was pursuing including laying of 130 KM product pipeline from NRL's Marketing Terminal in Siliguri to Parbatipur in Bangladesh which was at an advanced stage of implementation. The journalists interacted with NRL officials in the open house that

ensued, raising several queries, which were replied to the satisfaction of NRL.



CMD EIL visits Refinery Location

NRL was honoured to host CMD EIL Smti. Vartika Shukla on 28th and 29th July, 2022 at the Refinery premises.

She was accorded a warm welcome by MD NRL Mr. B J Phukan and Director (Finance) Mr. Indranil Mittra on the 28th along with Director (Projects) of EIL Mr. S K Handa and ED-I/C of EIL Mr. Rajiv Agarwal;

presentations covering topics pertaining to PNCPL, DCU, ABRPL and R&D related projects were organised by NRL and were attended and deliberated upon by the distinguished guests of honour.

Post an informal interaction with EIL officials, CMD EIL proceeded for a visit to the Refinery site and thereafter







A warm welcome and insightful deliberations with CMD EIL at Numaligarh

People





CMD EIL, Director (Projects) EIL and MD NRL attending the ceremonious DCU Revamp of NREP

engaged in another interaction with ABRPL officials posted at Numaligarh along with Lady Officers of NRL wherein she shared about her professional journey – manoeuvred by hard work and dedication to become successful and strike the perfect work-life balance. CMD EIL also elucidated upon few tips as answers to the questions posed by the enthralled audience. After an enriching interaction, a

colourful cultural evening was organised by the Kalyani Club members in her honour.

The following morning after a refreshing morning walk across the township, CMD EIL paid a visit to the ABRPL Site - thereby concluding her visit to Numaligarh Refinery Limited - leaving the NRL Family enthralled and inspired by her warm, encouraging presence.

Spiritual Guru Sri Sri Ravi Shankar graces Numaligarh with his presence

'Faith is realizing that you always get what you need.'

Revered spiritual guru Sri Sri Ravi Shankar visited NRL Township in Numaligarh on 24th September, 2022. The soft spoken Guru endeared hundreds of his followers gathered at Kunjabon, NRL Township with his simplicity

and charm as he shared the essence of a relaxed and happy life. He urged everyone to include a few minutes of meditation in their daily routine to lead a happy and healthy life.







Greetings & Felicitations



MD Mr. B J Phukan felicitated DGP, Assam Mr. Bhaskar Jyoti Mahanta, IPS on 26th August, 2022.



GM (Project Pipeline) (I/C) Mr. P J Sarma and GM (Project Pipeline) Mr. A J Phukan felicitated Hon'ble Union Cabinet Minister, Ministry of Ports, Shipping and Waterways & Ministry of Ayush, Shri Sarbananda Sonowal in the presence of Chairman, Paradip Port Trust (PPT) at Paradip, Odisha.

Greetings & Felicitations



CGM (HR & L) Dr. Kajal Saikia greeted IAS Dr. P Uday Praveen, the new Deputy Commissioner of Golaghat District, at his office at Golaghat on 1st September, 2022



CGM (HR & L) Dr. Kajal Saikia greeted IPS Ms. Ramandeep Kaur, the new SP of Golaghat, at her office at Golaghat on 14th September, 2022

Felicitation of AMC workers and their Children

On the auspicious occasion of Vishwakarma Puja on 17th September, 2022, a felicitation programme was organized at Township & Estate Office, Numaligarh, primarily intending to motivate and boost the morale of the Township AMC Worker Groups. The programme also focused on the children of the diligent workers and to accentuate their merit, the students were also felicitated on that day.



Accomplishments

Jury's award for NRL Officers in GMA Managers' competition

Ms. Priyanka Hazarika, Manager (HR) and Mr. Saket Garodia, Assistant Manager (F&A) won the Jury's Award at the 16th edition of the Annual Managers' competition organized by Guwahati Management Association (GMA) on 26th August, 2022. The programme was rechristened as 'DN

Barua Memorial annual Managers' Competition' in memory of founder President, GMA. Altogether 27 junior and middle-level executives from 8 different PSUs and other organizations including OIL, NRL, AGCL, IOCL, APL and NEDFi participated in the day-long competition.





Glimpses of the award function

Accomplishments

Newly minted functional consultants for SAP S/4HANA

[s. Hemanti Pegu and Ms. Padmakshi Mazumder, GET (Computer Science) have been trained and certified as functional consultants for SAP S/4 HANA Sales and Sourcing and Procurement modules respectively.

The certification exam verifies that the candidate possesses the fundamental and core knowledge in the area of sales, sourcing and procurement required for the consultant profile with an overall understanding and implementation of the knowledge practically in projects to contribute to the success of the planning and execution phases in a mentored role.





Mazumder



CII Young Leader Award for Excellence in Energy Management

[r. Debasish Thakur, Senior Manager (TS) was among three Mr. Debasish Inakur, Semon Manager (12) awardees presented with the CII Young Leader Award for Excellence in Energy Management at the India Habitat CII Centre. Delhi on 21st September, 2022.





Bijit Kumar Borah



Md. Ismail Hussain

Certificate of Proficiency

r. Bijit Kumar Borah, Officer (P&U), CPP Control Room & Md. Ismail Hussain, Officer (O&M), CCU have been awarded Certificate of Proficiency as Boiler Operation Engineer (BOE) under Boiler Operation Engineers' Rules, 2011 of Govt. of Assam during August 2022. This qualifies both of the officers to be In-Charge of boilers of any type or size within a radius of 50 meters.



Academic Excellence Award

[s. Aashna Taneja D/o Seema Taneja (NRL Delhi Office) and student of Class-XII-DPS, Dwarka was awarded with Gold Medal for her seven consecutive years of Academic Excellence in a Felicitation Ceremony held on 27th September, 2022. She has also been appointed as President, Editorial Board of her school.

Hearty congratulations to the achievers!!

Superannuations

r. Dhiren Handique, CGM (Projects) superannuated from the services of the Company on 31st July, 2022. He was given a warm send off at Numaligarh as well as at Guwahati, with his colleagues recalling with gratitude his immense contribution to NRL spanning 28 years, covering Electrical Maintenance, ME&P, Administration and Project departments; apart from his dexterous handling of various critical cases and matters such as the National Green Tribunal case for township extension, commissioning of CPP, SMT, NSU, etc.

The NRL Family wishes him a fulfilling time ahead with his family, with prayers and good wishes for new opportunities and wonderful experiences for all days to come!



Superannuations



r. Akon Thengal, who worked in Finance and Commercial Deptt. since May, 1999 was given a warm send off at a farewell function organized by HR Department on 30th September, 2022 at HR Conference hall in Numaligarh. His colleagues and seniors recounted his immense contribution to the company since its formative years.

Mr. L.G.N. Singha, Technical Assistant of F&S department was given a warm send-off upon his superannuation from the services of the Company on 30th September, 2022.

Mr. Dhaneswar Konwar, Technical Assistant (Mech.) was bade a fond adieu upon his superannuation with his colleagues reminiscing his enormous contribution to NRL on 30th September, 2022.





New recruits

Newly ioined Management Staff

Newly Joined Management Stan			
SI. No	Name	Designation	DOJ
1	Rishabh Kumar	GET - Civil	01-07-2022
2	Hridoy Deka	Asst. Accounts Officer	25.08.2022
3	David Tonsing	Asst. Officer (CSR)- Trainee	25.08.2022
4	Jyotirmoy Deka	GET (Mech)	25.08.2022
5	Soumen Bhattacharjee	GET (Instru)	25.08.2022
6	Saranga Pani Nath	GET (Comp. Sc.)	25.08.2022
7	Pinku Das	GET (Electrical)	25.08.2022
8	Maniratnam Rabi Das	GET (Mech)	25.08.2022
9	Tamanna Farnaz Hussain	GET (Instru)	25.08.2022
10	Rupam Nath	GET (Electrical)	25.08.2022
11	Shraddha Das	GET (Mech)	25.08.2022
12	Ayang Doley	GET (Mech)	25.08.2022
13	Rani Kuli	GET (Instru)	25.08.2022
14	Kumardeep Paul	GET (Instru)	25.08.2022

Newly joined Non-Management Staff

SI. No.	Name	Designation	DOJ
1	Rupam Borah	Engg. Asst.(Ops) Trainee- V	16.08.2022
2	Anindita Saikia	Engg. Asst.(Ops) Trainee- V	16.08.2022
3	Dhiraj Saikia	Engg. Asst.(Ops) Trainee- V	16.08.2022
4	Mausum Kaushik	Engg. Asst.(Ops) Trainee- V	16.08.2022
5	Debashis Saikia	Engg. Asst.(Ops) Trainee- V	16.08.2022
6	Monikankana Saikia	Engg. Asst.(Ops) Trainee- V	16.08.2022

SI. No.	Name	Designation	DOJ
7	Meghnath Kalita	Engg. Asst.(Ops) Trainee- V	16.08.2022
8	Sneha Sonari	Engg. Asst.(Ops) Trainee- V	16.08.2022
9	Minakshi Gohain	Engg. Asst.(Ops) Trainee- V	16.08.2022
10	Mustakim Ikbal Ahmed	Engg. Asst.(Ops) Trainee- V	16.08.2022
11	Emon Sharma	Engg. Asst.(Ops) Trainee- V	16.08.2022
12	Abinash Rajkhowa	Engg. Asst.(Ops) Trainee- V	16.08.2022
13	Sourav Jyoti Gogoi	Engg. Asst.(Ops) Trainee- V	16.08.2022
14	Dulal Tamuly	Tech Asst.(Fitter) Trainee IV	16.08.2022
15	Dimpal Jit Gogoi	Tech Asst.(Fitter) Trainee IV	16.08.2022
16	Pallav Gogoi	Tech Asst.(Fitter) Trainee IV	16.08.2022
17	Mousum Konwar	Tech Asst.(Electrician) Trainee IV	16.08.2022
18	Partha Protim Nath	Tech Asst.(Electrician) Trainee IV	16.08.2022
19	Bidyut Bikash Saikia	Tech Asst.(Electrician) Trainee IV	16.08.2022
20	Tonmoy Saikia	Engg. Asst. (Instn.) Trainee V	16.08.2022
21	Prabhat Hazarika	Engg. Asst. Elect.) Trainee V	16.08.2022
22	Rosy Saikia	Engg. Asst (Ops) Trainee IV	16.08.2022
23	Sandipon Saikia	Engg. Asst (Ops) Trainee IV	16.08.2022
24	Pronali Das	Engg. Asst(Ops) Trainee IV	16.08.2022
25	Mukibul Ali	Office Asst. Trainee V	16.08.2022
26	Sikhamoni Loying	Engg. Asst.(Ops) Trainee-IV	17.08.2022
27	Chitra Saikia	Tech Asst.(Electrician) Trainee IV	17.08.2022
28	Kashmiri Mech	Engg. Asst.(Ops) Trainee- V	22.08.2022
29	Sushanta Saikia	Engg. Asst.(Ops) Trainee- V	23.08.2022
30	Adesh Yadev	Office Asst. Trainee - V	12.09.2022

From the Archives

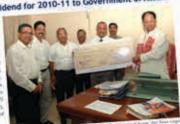


NRL News

Dividend Cheques for 2010-11 handed over to Shareholders

Rs. 13.62 Crores as Dividend for 2010-11 to Government of Assam

Rs. 13.62 Crores as DiviOne company paid an emount of
the financial year an emount of
the financial year 220.011 in the Core
of Assam for the epoly helicing of
12.97% in the Coopany. The diversibent
absence was Impully herided over
15.911 Enters Gags, Horstine Cherl
Mannete of Assam by Mr. Gagsk,
Chalsworth Manneting Director Nill,
in 19-10.11 at the Chief Mensions
official emberoed of Gausshafe, Also
pressed on the occurrence uses Mr. 13.
Dat. Principal Secretary (Training).
NRI.



Rs. 68.03 Crores as Dividend for 2010-11 to BPCL



Rs. 28.69 Crores as Dividend for 2010-11 to OIL



NRL wins Greentech **Environment Award 2011**



NRL News

Secretary Petroleum, Mr. G.C. Charturvedi comes visiting

The Secretary visited the Relinery Site as well at the forestelps to get at source of SRL. He also hid the forestellation status of the Wes Control resolt, on 27.13.31.







Leading and Managing Creatively High Growth— in an environment of exponential change and complexity

This is the 4th in the series of articles on the title authored by former MD NRL, Dr. Bhupati Kumar Das.

Part IV

1. In part III, the concluding comment was that while shared vision, personal mastery, courage of conviction and systemic thinking operate on the transformation process, awareness and examination of mental models of team members for changing if necessary with the changing environment are crucial for delivering results. Similarly, it is also important that a transformation



Dr. Bhupati Kumar Das

leader exhibits the characteristics of 'trusting' and 'trust-worthiness'. He must trust his team members completely and he must also genuinely behave and operate in a manner that his team members have the confidence in trusting him fully. He must believe that each of his team members is as valuable as a diamond.

2. The Diamond Metaphor:

A transformation leader believes that every one of his team is as valuable as a diamond, a theme as espoused by Arindam Chaudhuri in his book, Discover the diamond in you. But the important point is, at which stage of polishing the team members have reached. As the value of diamond is determined by 4Cs (Carat, Cut, Colour & Clarity), the value of a person is characterized by 9Ps: Passion & Positive Energy (Carat), Performance & Perseverance (Cut), Personality & People Skill (Colour), Perception, Principles & Patriotism (Clarity). As enunciated in part III of this article, one has to have passion and positive energy to excel anywhere in life. But only passion and positive energy would not do. It has to result in spectacular performance and that performance has to be demonstrated over and over again for which perseverance or sustained sincerity is essential. This is the difficult part as the cut in diamond is all about real hard work which makes the diamond valuable. While the first four Ps may make one successful, for a transformational leader, the next two Ps, Personality and People skill, are of paramount importance to lead well. This is about his charisma or magnetism as colour is to a dazzling diamond. Then the other P in this matrix is perception

which gives direction, which shows the way as to which road to take when one comes to life's cross-road. As said in Bhagavad Gita, 'Shristi is same, but dristies are different.' It's important to have the right 'dristi', the right perspective. And then, without principles and patriotism, no success is really worth it. So, a transformational leader inspires his people to inculcate these 9 Ps as intrinsic part of their characters by himself serving as a role model.

3. The Heart-IQ:

More than IQ, leaders must have EQ to succeed which may be called as heart IQ. IQ (Intelligent Quotient) is the mental age divided by chronological age multiplied by 100 which for human beings typically range from 100 to 160. Most of the people's IQ fall between 100 and 160 – anybody above 160 is called a genius and anyone below 100 is mentally retarded. For a transformational leader, a high IQ is given whereas for him to successfully lead a team, he must have high Emotional Quotient which consist of five elements - self-awareness, self-regulation, self-motivation, empathy and social skill. The first three are intra-personal and the next two are interpersonal. In the 4-I framework of transformational leadership. EQ plays a very important role.

4. The Coach:

There are various kinds of leaders. Our scriptures are full of such examples; Ram was the Manager-leader in the epic Ramayana and Krishna a coach leader in the epic Mahabharata. A transformational leader is essentially a coach leader.

5. Spiritual Leader Shri Shri Ravi Shankar's Prescription:

Shri Shri Ravi Shankar outlined leadership qualities as: Samadarshi (treat everyone as equal), Satyadarshi (moves with the truth), Paradarshi (transparent in action), Doordarshi (visionary and forward looking) and Priyadarshi (compassion and empathy). These traits are what a transformational leader is made of.

In touch with

 Leadership Grid synthesising Western and Eastern thoughts: (adopted from Management in new age – western windows eastern doors by Shri Subhash Sharma)

Western thought of leadership styles ranges from autocratic to democratic whereas eastern thought on leadership emerges from mental casts ranging from divine like to demonic as described in Chapter 16 of Bhagavad Gita. Divine-like qualities are truthfulness, gentleness, compassion, absence of greed and anger etc. whereas demonic represents arrogance, selfishness, cruelty etc. Synthesis between western and eastern strands of thought leads to a managerial grid encompassing four types of leadership styles. Transformational leadership falls into the enlightened leadership quadrant ie. Democratic and Divine-like.

	Divin	e-like	
	(Slokas 2 & 3, Ch: 16, Bhagavad Gita)		
	Benevolent	Enlightened	
	Dictator	Leadership	
	Ashok Raj	Pandava Raj	
Autocratic —			— Democratio
	Oppressor	Manipulator	
	Kansa Raj	Kaurava Raj	
Demonic			

(Slokas 4 & 10, Ch: 16, Bhagavad Gita)

7. Courage of conviction:

A transformational leader needs to be fearless in pursuing his goals/objectives faithfully and relentlessly. Bhagavad Gita in Slokas 1 to 3 in Chapter 16 enunciates 26 qualities of a transformational leader – most important of which is Abhayam (fearlessness, courage of conviction). Never is a leader more tested than in a crisis as Greek philosopher Seneca once said, 'fire is the test of gold: adversities of strong man'.

8. Personal Qualities:

As evident from research experiments conducted with various groups of participants, people value personal qualities in a leader more than his knowledge and skill which in any case will have to be there if he has to rise to a leadership position. Yet in the present materialistic world, we find personal qualities are hard to find in many leaders. Unfortunately, we have now more knowledgeable leaders and informed leaders, and only a few inspiring leaders. One cannot but feel that leadership should be all about making people feel and tell, 'I will walk on water with you and for you'.

To be continued

Club News - **DNest Club**

Felicitation of Meritorious Children of Support Staff

To commemorate and encourage the exemplary Class X and XII results obtained by the Children of NRL's security staff and support personnel posted at Guwahati, DNest Club organised a humble felicitation programme on $14^{\rm th}$ September, 2022 as a gesture of sincere appreciation and encouragement.



Get-together with Smti Geetali Phukan & Smti Jayanti Mittra

The Executive Committee of DNest Club was honoured to spend a delightful evening with the Hon'ble Patrons Smti Geetali Phukan and Smti Jayanti Mittra, whose valuable

suggestions regarding the future course of activities for DNest, rendered the evening highly insightful. Director (Finance), Mr. Indranil Mittra eventually joined the joyous eve.







Club News - Kaliyani Club







A jubilant **Wives' Night** celebrated on 24th July, 2022, with a vibrant in-house cultural program & a standup comedy performance by renowned comedian Mr. Pushkar Bendre from Maharashtra



A warm farewell to Mr. Dhiren Handique with a memento and 'Lifetime Membership of Kaliyani Club' on 26th July, 2022

Club News - Rangchali Club



Satriya Dance workshop conducted by Smti Lukymoni Saikia from 5th to 10th July, 2022 inside the Club Premises



Assamese Poem Recitation workshop conducted by resource person Smti Santi Saya Saikia from 11th to 14th July, 2022



The closing ceremony of Handwriting workshop organised on 4th July, 2022 with certificates of completion awarded to the participants

Assamese Path Dan workshop

Rangchali Club organized an Assamese Path Dan workshop among the children of the Club members from 11th to 25th July, 2022 at the Club premises. Resource person Titaram Das conducted the workshop, which witnessed a full-fledged participation of the students.





Club News - Rangchali Club

Rangchali Club Foundation Day

The 24th foundation day of Rangchali Club was celebrated on 16th July, 2022 at the Club premises. To commemorate the occasion, a marathon, an open quiz and a game of housie were organized among the Club members.





Club News - Numali Club

Numali Club Celebrates 25 Glorious Years

Geetali Phukan

Chief Patron, Numali Club

14th March 1998 was the day when the foundation of Numali Club was laid down by the pioneers of the association. Since then, it has been 25 long years as the phenomenal association continues to contribute towards the socio-cultural growth of this closed community of NRL Township. It has maintained its legacy and an impeccable record ever since.

Honouring the heritage of the club, a grand celebration was organised by the committee members of Numali Club on the $4^{\rm th}$ September, 2022 (Sunday) to commemorate the completion of 24 glorious years and to usher the club into its $25^{\rm th}$ year.

The celebration commenced with the milestone of introducing











To commemorate the completion of 24 glorious years and paving way to the 25th year of Numali Club various ceremonial events were carried out on 4th September, 2022

Club News - Numali Club

the flag of Numali Club and I was proud to hoist the flag as the Chief Patron of Numali Club. Thereafter, a cultural procession was executed, led by myself along with the esteemed patrons, all the respected invitees and the members of Numali Club. Some members were dressed in ethnic attire to represent various ethnic groups of North East India which made the procession look more colourful and brilliantly bright.

The esteemed invitees were then accorded a formal welcome which was followed by the inauguration of the Wall Magazine to mark this occasion.

A round table discussion was organised to throw light on the bitter sweet memories as well as the experiences of all the members who had been with the club since its inception. All the members were seen to participate actively in the session. The discussion between the former and the present members turned out to be an emotional one as memories unfolded.

I was delighted to perform the rituals of initiation for the evening extravaganza with the ceremonial lighting of the lamp and a cake cutting ceremony to invoke divine blessings for the successful accomplishment of the programme. Thereafter, the

souvenir 'Varninī' (sliver jubilee special edition) was released by me to mark the celebration. The write ups and the pictures of the magazine spoke of the charming and amicable journey of the club. The cultural extravaganza constituted of a Folk Medley, a group dance and a Hindi & English Medley, which won the hearts of the audience.

All the erstwhile members of Numali Club who had been associated with the club since its inception were felicitated with a memento and a traditional stole for their invaluable contributions to the club.

The honourable MD of NRL Mr. Bhaskar Phukan sent a message of appreciation to all the members both past and present, and exalted each and everyone for their dedication towards the association.

The Silver Jubilee celebration was a huge success. Memories of that day are still vivid. With the blessings and goodwill of everyone, the club members are determined to carry forward the legacy and continue its journey in years to come.

DPS News

ATL Workshop: Innovating the 'i-Teams' Way

An ATL Workshop was conducted by Mr Rajiv Narang – Founder and CMD of Erehwon on 26th and 27th July, 2022 with the intent of empowering school teachers with i-Teams to assist Innovative Projects, at K V Khanapara. Mr Probin Likharu (ATL In-charge) and Mr Asutosh Debnath

Probin Likharu (ATL In-charge) and Mr Asutosh Debnath

from DPS Numaligarh attended the workshop in order to hone their expertise pertaining to the i-Teams presently functioning at DPS Numaligarh with project areas covering Education, Transport and Communication, Health and Nutrition and Social Inclusion.



Azadi Ka Amrit Mahotsav Celebration by District Administration, Bokakhat

In celebration of 'Azadi ka Amrit Mahotsav', a solo patriotic song competition was organised by the District Administration of Bokakhat on 12th August, 2022. Aileen Gogoi and Rachike Das of Class IX, DPS Numaligarh bagged the first and a consolation prize respectively in the Senior Category, while Ayush Barman received the second prize from the Junior Category.



'Swachhata Hi Seva' Program

As part of a special drive towards a clean and green India, DPS Numaligarh chalked out a series of programmes on 12th August, 2022 wherein the entire DPSN family worked hand-in-hand cleaning every nook and corner of the school building, thereby setting an example to practice the habit and display responsibility towards cleanliness.



DPSN Shines in the CBSE Class X & XII Results, 2022

The CBSE Class X (AISSE) and XII (AISSCE) results demonstrated an exceptionally good result for the School with Haridra Bora of class XII Humanities scoring an impressive 99.4% and becoming not just the School Topper but also the topper of the entire North-East Region and securing the $4^{\rm th}$ position in the overall tally of All Indian Ranking. Furthermore, Anisha Agarwalla topped the Commerce stream with 97% and Harshita Bajaj secured the

highest percentage of 96% in the Science stream.

While in the Class X results, Jehnnifer Yaman Pasha scored the highest at 98.2%, followed by Ayushi Kothari and Harshadeep Gogoi with 98% each; followed by Tanmay Choudhury securing the third position at 97.2% marks.

We wish all students of DPS Numaligarh a very bright and prosperous future!

Experiential Learning Tour

On the occasion of World Brotherhood Day, the Wellness Committee of DPS Numaligarh visited VKNRL School of Nursing on 10th September, 2022 on an educational tour. The visit unraveled an insightful experience for the teachers and students, with the team visiting the rich library, the child and paediatric ward, nutrition lab, community health ward, science ward and maternity ward; apart from attending an enriching orientation programme and cultural displays by

the students of VK NRL School of Nursing and an extempore competition, where Nandini Das emerged the winner.





Investiture Ceremony

The Investiture Ceremony of DPS Numaligarh for the Academic Session 2022-23 was organized on $29^{\rm th}$ July 2022; wherein 21 students from classes I - XII were bestowed with portfolio badges and appointment letters

to the Students' Council of the School, swearing to the school motto 'Service Before Self'. Zishan Amin of Class XII-A has been appointed the Head Boy and Urmi Harbola of Class XII-C as Head Girl.

Teacher's Day Celebration

Teacher's Day was organized with incredible gusto and zeal by the students of DPS, Numaligarh on 5th September, 2022. A plethora of cultural performances and activities were organized by the students in honour of their teachers, rendering it a sweet and fulfilling day for all educationists.



Independence Day Celebrations at DPSN

On the occasion of 75th Independence Day, DPS Numaligarh observed the 'Azadi ka Amrit Mahotsav' and the #HarGharTiranga campaign with sincere zest and zeal – with every Dipsite proud beholding the NCC cadets of the school marching forward under the steady sun, across the ground alongside the CISF, AISF and VKNRL platoons. Gaiety and nationalistic fervour found its vent and the spirit of patriotism was doubly enhanced with the the impressive performances by the students.

Furthermore, the Golaghat District Administration felicitated Principal of DPS Numaligarh Mr. U C Harbola for his outstanding interest and support to NCC troop of DPS Numaligarh.

Moreover, Cadets of the school participated in the Football Tournament for selection of North East Region for Subroto Cup, Under 17 girls.





Empowering the Special: Sukriti Resource Centre

The Sukriti Resource Centre engaged the special Children in learning to brush their teeth properly and washing their own lunch boxes after Recess as a Household chore; in order to inculcate independence, hygiene and improve sensory processing and communication.





VK NRL Hospital Section

Tuberculosis

Dr. (Mrs.) Karabi Saikia Chief Medical Officer VKNRL Hospital

Tuberculosis is a chronic infectious disease caused by Mycobacterium Tuberculosis. The usual site is lung but it also affects intestines, meninges, lymph glands, bones and joints, skin and other tissues of the body. The organism has 2 strains \rightarrow human and bovine. Human strain is responsible for the vast majority of cases.

Tuberculosis remains a worldwide public health problem despite the fact that the causative organism was discovered 100 years ago and highly effective drugs and vaccines are available to treat and prevent the disease. TB (Tuberculosis)

remains 1 of the 10 major causes of morbidity and mortality in the world till now.

The 30 high TB burden countries accounted for 86% of all estimated incident cases worldwide and 8 of these countries accounted for $2/3^{rd}$ of the global total: India (26%), China (8.5%), Indonesia (8.4%), Philippines (6.0%), Pakistan (5.8%), Nigeria (4.6%), Bangladesh (3.6%) and South Africa (3.3%).

The TB cases co-infected with HIV are highest in countries in

VK NRL Hospital Section

the WHO African Region, exceeding 50% in parts of Southern Africa.

The number of TB deaths increased in 2020 in most of the 30 high TB Burden countries.

TB in India: Despite Indian's various TB Control activities since its first recognition through the resolution passed in the All India Sanitary Conference in 1912 and lunch of first National Tuberculosis Control Programme in 1962, it has remained a major public health challenge to overcome.

Burden of TB in India: India is the highest TB Burden country in the world.

- TB Cases in the world: Approx. 1 Crore (Global TB report, 2020)
- TB Cases in India: Approx. 26 Lakhs (Global TB report, 2020)
- > 4 Lakhs cases die of TB every year in India.
- > 1000 deaths per day in India.
- The number of HIV infected people developing TB is increasing in India. Every year 11,000 Indians die of HIV associated TB.

The highest percentage of HIV patients who treated Positive for TB comes from Nagaland (15.6%), followed by Karnataka (10%), Chandigarh (9.1%) and Manipur (8.9%).

Assam Golaghat Statistics:

Year	Assam	Golaghat
2018	41919	1863 (4.4%)
2019	48663	1699 (3.5%)
2020	35535	1178 (3.3%)
2021	36583	1109 (3%)

Social Factors:

TB is a social disease with medical aspects. It is an indication of social welfare. The social factors include many non-medical factors like poor qualities of life, poor housing, overcrowding, malnutrition, large families, lack of awareness etc. All these factors are responsible for the occurrence of disease, In fact, TB began to decline in western world long before the introduction of medicines for its treatment and prevention. This is mainly due to improvement in the quality of life.

Source of infection and transmission: The most common source of infection is a human case who has either received no treatment or has not been treated fully. The tubercle bacilli expelled during coughing, sneezing and remains in the air for long periods, Infection occurs when a few of these bacilli are inhaled. Infectiousness depends on number of organism in the sputum, closeness of contact and immune status of the person. Someone may have TB Bacilli inside their body throughout their entire life and may not progress to TB

disease.

- 1. **TB Pathogenesis:** Tubercle bacilli settle and multiply slowly in the lung alveoli, where infection begins. If the immune system is not sufficient to control the bacilli, the bacilli breaks the barrier, multiply and TB disease develops in the lung.
- 2. **Spread inside the body:** When a person breaths in TB bacteria, It can settle in lungs and begin to grow. From there, they can move through blood to others parts of body, such as kidney, bone and brain. TB disease in lungs and throat can be infectious. TB in other parts of body such as kidney or spine is usually not infectious.

Risk Factors for TB injection:

- 1. Sharing air space width someone sick with TB.
- 2. Crowded living condition.
- 3. Laboratory of health care worker.
- 4. Malnutrition
- 5. Smoking
- 6. Alcohol consumption.

Other Vulnerable population:

- Immunocompromised like people with CKD, diabetes, HIV etc.
- 2. Organ transplant patients.
- 3. Slum dwellers.
- 4. Miners, tea garden labours.

Symptoms of TB:

- 1. Cough more than 3 weeks
- 2. Fever
- 3. Weight loss
- 4. Loss of appetite
- 5. Night sweats

In patient with any of these symptoms should be suspected and investigated for TB.

Childhood TB:

Cases of TB in children represent 10-20% of all cases. The source of infection usually a sputum positive adult in the family.

If family member is infectious, there is maximum possibility of getting the infection to children below 6 years.

Most children are sputum negative and not infectious to others.

In children, diagnosis of TB is difficult as they cannot cough up sputum.

Infectious cases in the family, weight loss, failure to thrive, cough more than 3 weeks are important clues to suspect TB.

VK NRL Hospital Section

A Symptomatic child with infectious case in the family and with positive mantoux test is to be treated as a case.

BCG Vaccines:

BCG Vaccines are given to protect the population from TB. It was first tried in human intradermally in 1927. In 1948 it was accepted worldwide, in many countries including India it is a national policy.

Diagnosis: Diagnosis test are:

- 1. Sputum smear microscopy
- 2. Culture
- 3. Rapid molecular diagnostic testing
- 4. Chest X-Ray
- 5. CT Scan
- 6. Tuberculin Skin test

For the diagnosis of drug resistant TB, CBNAAT and Truenat should be done.

Treatment of Tuberculosis:

Regime for TB Cases in India: 2 months intensive phase (4 drugs: Rifampicin, INH, Pyrazinamide and Ethambutol) and 4 months continuation phase with (3 drugs: Rifampicin, INH and Ethambutol).

Drugs Resistant TB:

DRTB is defined when TB organisms are resistant to one or more drugs:

Identification of drugs resistant TB is made by following tests:

- 1. Nucleic Acid amplification test: CBNAAT or Truenat
- Line Probe Assay
- 3. Liquid culture and drug susceptibility test: Drug sensitivity test for first and second line anti TB drugs.

Once DRTB is diagnosed and Drug Sensitivity Test is a waited, Patient should be started with empiric second line therapy as soon as possible. The duration of treatment of Multi Drug resistant TB is 2 years and Extensive Drug Resistant TB is 2-5 years and may be extended if necessary.

Surgery: Surgery is recommended in Multi Drug Resistant and Extensive Drug resistant TB with localized extensive disease. The aim is to isolate heavy bacilli area and to prevent relapse.

Patient with positive culture after ATT course, hemoptysis after treatment, large cavities after treatment may require surgery.

In challenging scenario, a regimen should be devised by an expert only as ineffective regimen may lead to more drug resistance.

In summary, a better understanding of current TB scenario by treating doctor, Patient and Govt. to ensure a proper treatment regimen to the patient is essential in present situation.



OIL Records Highest Ever Profit in FY 2021-22

Oil India Limited (OIL), India's second largest National Exploration & Production Company held its 63rd Annual General Meeting (AGM) on 24th September 2022. During FY 2021-22, Oil India recorded its highest ever Profit After Tax at ₹3,887.31 Crores, a growth of 123% over last year with a substantial increase in Earnings per Share (EPS) at ₹35.85. The company also recorded its highest ever total income at ₹16,428 Crores during the year with a total CAPEX of ₹4,367 Crore, which was 106% of its target.

Aligned with the national priorities, Oil India is placing greater thrust on exploration activities thereby attempting to create significant value

proposition for the future. In line with the Government of India's Hydrocarbon Vision 2030 for NE India and thrust on reducing imports, Oil India has embarked upon an aspirational target of Mission 4 plus for significant increase in production of Crude Oil and Natural Gas. In this direction, the company recorded the highest ever record production of Natural Gas since inception at 3.045 BCM as against 2.642 BCM in 2020-21. The company also improved its Crude Oil production at 3.010 MMT as against 2.964 MMT in FY 2020-21.

With a total exploration acreage of 63,097.9 sq. km spread across India including 53,859.20 sq. km of acreage acquired under OALP, Oil India is at the cusp of an exciting growth curve in the coming years. This growth trajectory of exploration acreage in Category -II and Category-III basins will enable OIL



to expand its footprint to other high-potential regions of India apart from its current footprints in Assam, Arunachal Pradesh, Mizoram, Tripura, Nagaland, Rajasthan, Odisha, Mahanadi Onshore, Andhra Pradesh, Andaman Offshore, Kerala-Konkan Offshore, and Krishna-Godavari Shallow water.

Oil India commissioned India's first 99.9% pure Hydrogen Pilot Plant in Assam, which is OIL's first significant step towards boosting Green Hydrogen economy in India. Dr. Ranjit Rath, Chairman & Managing Director, Oil India Limited, in his AGM address, echoed that Oil India is committed in its quest for enhanced & expedited coverage of exploration acreages and augmented production of Crude Oil & Natural Gas, aligned with the national priorities, the hydrocarbon vision of Government of India and the energy security of the nation.

Har Ghar Tiranga Campaign and 76th Independence Day Celebrated at OIL

Oil India Ltd celebrated 76th Independence Day with full fervour on 15th Aug 2022 at the Nehru Maidan playground, Duliajan, Assam. Mr. Prasanta Borkakoty, Resident Chief Executive, OIL ceremoniously hoisted the tricolour followed by the National Anthem. Shri Rameswar Teli, MoS, P&NG and L&E was also present at the occasion as the Chief Guest while Shri Terash Gowalla, MLA Duliajan was present as the Guest of Honour.

The inspection of parade by RCE, OIL was followed by march past by nine number of platoons. Addressing the audience, Mr. Borkakoty reiterated the importance of industries in driving socio-economic independence and holistic development of a Nation. OIL







is committed for contributing towards energy security and economic growth of the nation while also taking care of the communities through its CSR initiatives in OIL operational areas.

Shri Teli and Shri Gowalla also appreciated the public for coming in large numbers to celebrate the Independence Day and extolled them for showcasing their support for the Har Ghar Tiranga Campaign, an Azadi Ka Amrit Mahotsav initiative Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture, and achievements.

The celebration also featured various cultural programme, Dog show, patriotic songs by CISF personnel, display of Army pipe band and dance performance by Chinaki dance troupe invited from Dergaon. The event ended with distribution of cash award and appreciation letters to March past platoons and cultural troupe. Sweets and fruits were also distributed among the patients at OIL Hospital.

Mr. Ashok Das assumes charge as Director (HR), OIL

Mr. Ashok Das assumed the charge as Director (HR) of Oil India Limited (OIL), on 2nd September 2022 at its Noida office. Mr. Das was the Executive Director (HR) at OIL prior to taking over as Director (HR) of the company. A Graduate in Political Science and Masters in Business Administration (MBA), Mr. Das began his career as an Executive Trainee with OIL in 1989 and over the span of more than three decades, he played a pivotal role in shaping OIL's Human Resource functions like Talent Acquisition, Performance Management, Compensation Management, Employee Relations, Wage Negotiations, Training & Development, HRIS, Employee Engagement etc.

Known for his performance-focused people-centric leadership style, Mr. Das has successfully managed HR functions in OIL and has taken several progressive HR initiatives like introduction of IT-enabled HR practices, streamlining of HR systems & policies to enhance transparency, objectivity & fairness. He led the HR team in designing and implementing Online Performance Management System. Mr. Das has also led several Corporate Social Responsibility initiatives at OIL and is instrumental



in setting up of the Skill Development Institute in Guwahati, a first of its kind institute in Northeast India. An alumnus of Cotton College and Gauhati University, Mr. Das is a former national level footballer and a theatre artiste with several awards & accolades.



BCPL News

First Industrial Meet on Environment Management System

BCPL organised the First Industrial Meet on Environment Management System in association with Pollution Control Board, Assam at BCPL, Dibrugarh on 5th July 2022 on the occasion of Van Mahotsav 2022, with Hon'ble Chairman of PCB Assam, Dr. Arup Kumar Misra as Chief Guest along with member secretary Dr. Shantanu Dutta.

BCPL was honoured to host APGCL MD Mr. Bibhu Bhuyan, OIL RCE Mr. Prasanta Borkakoty, APL MD Mr. Rajnesh Gogoi, ONCG Assam asset CGM Mr. Gautam Das and NEEPCO CGM Mr. Bhupendra Goswami along with other delegates from 25 leading PSU and Private Sector industries as participants in the Meet along with



BCPL News



BCPL MD Mr. Reep Hazarika, BCPL Director (Finance) Mr. Prithiviraj Dash and BCPL COO Mr. R K Singh – deliberating on pertinent environmental concerns and the way forward

in adoption of industrial practices towards improved environmental management and overcoming of associated challenges.

Felicitation Ceremony: Azaadi Ka Amrit Mahotsav

BCPL organised a felicitation ceremony in collaboration with District Administration as part of *Azaadi Ka Amrit Mahotsav* on 07th August, 2022, wherein 75 individuals with remarkable contributions in different fields including social welfare, sports, art and literature were felicitated by the invited dignitaries. The Ceremony was presided over by Hon'ble Minister of State, Petroleum and Natural Gas, Labour and Employment Shri Rameswar Teli as the Chief Guest in presence of BCPL MD Mr Reep Hazarika, Director (Finance) Mr Pruthiviraj Dash, BCPL COO Mr Vijay Kumar Pal and other senior officials of the Company.



Celebration of 76th Independence Day at BCPL

n the occasion of 76th Independence Day celebrations the National Flag was hoisted by MD BCPL Mr Reep Hazarika at BCPL Township Barbaruah by COO Mr Vijay Kumar Pal at Administrative Building, BCPL. The inspection of CISF contingent was done by BCPL MD, which was followed by his address to the BCPL family and the felicitation of State Rank Holders of HSLC and HS examinations from Dibrugarh district.









15th Annual General Meeting (AGM) of BCPL Held

The 15th Annual General Meeting of BCPL was held on 23rd September 2022 at Guwahati. Chairman BCPL, Mr M V Iyer presided over the meeting through video conferencing from GAIL (India) Limited, New Delhi in the attendance of BCPL MD Mr Reep Hazarika, Director (Finance) Mr Pruthiviraj Dash and other members of the BCPL Board and shareholders of the company.



Hindi Section

संसदीय राजभाषा समिति की पहली उप समिति का निरीक्षण कार्यक्रम

नांक 21 सितमंबर, 2022 को संसदीय राजभाषा समिति की पहली उप समिति की एक पांच सदस्यीय टीम ने नुमालीगढ़ रिफाइनरी लिमिटेड राजभाषा कार्यान्वयन का निरीक्षण किया। यह निरीक्षण कार्यक्रम संसदीय राजभाषा सिमिति की पहली उपसमिति की ओर से श्री राम चंन्द्र जाँगड़ा जी की अध्यक्षता में नुमालीगढ़ रिफाइनरी लिमिटेड के उच्छ अधिकारीगण के साथ होटल 'रेडिसन ब्लू' में सौहार्दपूर्ण वातावरण में संपन्न हुई। निरीक्षण कार्यक्रम के दौरान माननीय संसदीय समिति ने तेल कंपनीओं की राजभाषा कार्यान्वयन को लेकर सराहना की और कई बिंदुओं पर और अधिक महत्व देने के लिए सुझाव दिए। निरीक्षण कार्यक्रम में नुमालीगढ़ रिफाइनरी की ओर से प्रबंध निदेशक श्री बी जे फुकन, निदेशक (वित्त) श्री इंद्रनील मिला, वरिष्ठ मुख्य महाप्रबंधक श्री निकुंज बरठाकुर, मुख्य महाप्रबंध (मानव संसाधन व विधि) डॉ. काजल शईकीया, वरिष्ठ प्रबंधक (मानव संसाधन) श्री गौरव दास, रिटेनर (राजभाषा कार्यान्वयन) सुश्री बिनीता ब्रह्म और पेट्रोलियम और

प्राकृतिक गैस मंत्रालय की ओर से संयुक्त सचिव (राजभाषा) श्री रोहित माथुर और उपनिदेशक (राजभाषा) श्रीमती शोभना श्रीवास्तव जी ने भाग लिया।



प्रबंध निदेशक श्री बी जे फुकन द्वारा संसदीय संमितियों के सदस्यों को पारंपरिक स्वागत



निरीक्षण कार्यक्रम का एंकाश



संसदीय राजभाषा समिति के साथ एक ग्रप फोटो

59वीं नगर राजभाषा कार्यान्वयन समिति(उपक्रम) की बैठक में अंशग्रहण

इंडियन ऑयल कॉर्पोरेशन लिमिटेड, गुवाहाटी रिफाइनरी की अध्यक्षता में 59वीं नगर राजभाषा कार्यान्वयन समिति (उपक्रम) की बैठक दिनांक 20 जुलाई, 2022 को गुवाहाटी रिफाइनरी के जुबिली हॉल में आयोजित हुई। बैठक के दौरान भारत सरकार, राजभाषा विभाग, गृह मंत्रालय के प्रतिनिधि श्री बदरी यादव, उप निदेशक(पूर्वोत्तर) की उपस्थिति में तिमाही रिपोर्ट के आधार पर स्लाइड प्रस्तुतीकरण द्वारा हिंदी कार्यान्वयन की लेखा-जोखा पर निरीक्षण किया गया जिस पर उन्होंने नुमालीगढ़ रिफाइनरी के कामकाज पर संतुष्टि प्रकट की। इस अवसर पर नराकास(उपक्रम) की वार्षिक हिंदी पतिका 'प्रागज्योतिका' का विमोचन किया गया। इस पत्रिका में अपनी स्वरचित कविता, कहानी, यात्रावृत्तांत एवं निबंध लिखकर नुमालीगढ़ रिफाइनरी के कुल चार कर्मचारियों - श्री स्वर्णोतपल काश्यप, श्री सिद्धार्थ अग्रवाल, श्री दिलीप दास और श्री जीतुमणि सालोई को क्रमश: प्रथम, द्वितीय और तृतीय



नराकास (उपक्रम) बैठक का एकांश

पुरस्कार प्राप्त हुआ। इनमें से सुश्री मालबिका कर और सुश्री ऐश्वर्य बाम्मिडि को प्रतिभागिता पुरस्कार प्रदान किया गया।

नुमालीगढ़ रिफाइनरी में हिंदी पखवाड़ा का आयोजन

😈 ति वर्ष की तरह नुमालीगढ़ रिफाइनरी में इस वर्ष भी दिनांक 16 सितम्बर, 2022 से 29 सितंबर, 2022 तक हिंदी पखवाड़ा बड़े ही हर्षील्लास के साथ मनाया गया। इस वर्ष राजभाषा विभाग, गृह मंत्रालय, भारत सरकार के निर्देशानुसार हिंदी पखवाड़ा 16 सितंबर से 29 सितंबर तक मनाया गया ताकि राजभाषा विभाग, गृह मंत्रालय, भारत सरकार द्वारा सूरत, गुजरात में सामृहिक रूप से आयोजित हिंदी दिवस एवं अखिल भारतीय राजभाषा सम्मेलन में सम्मिलित होकर हिंदी दिवस 14 सितंबर को एकसाथ मना सके। नुमालीगढ़ रिफाइनरी में 16 सितंबर, 2022 को हिंदी पखवाड़ा का उद्घाटन समारोह के दौरान सभी कर्मचारीगण द्वारा हिंदी दिवस शपथ पाठ की गई और माननीय गृह एवं सहकारिता मंत्री श्री अमित शाह जी और पेट्रोलियम एवं प्राकृतिक गैस मंत्री श्री हरदीप सिंह पूरी जी के संदेश पाठ सबके समक्ष पढ़कर सुनाया गया। इसी मौके पर पताचार माध्यम से राजभाषा विभाग, केंद्रीय हिंदी प्रशिक्षण संस्थान द्वारा संचालित प्रबोध, प्रवीण और प्राज्ञ पाठ्यक्रम के नए सत्र के लिए पंजीकृत ग्यारह कर्मचारियों को राजभाषा विभाग की नि:शुल्क पाठ्यपुस्तक वितरित की गई। पखवाड़े के दौरान रिफाइनरी कर्मचारी, अधिकारियों के अलावा, गृहिणियों, केंद्रीय

औद्योगिक सुरक्षा बल के कार्मिकों और डीपीएस और प्रयास विद्या मंदिर के स्कूली बच्चों के लिए कुल 12 प्रतियोगिताएं आयोजित की गई। 29 सितंबर, 2022 को समापन समारोह के अवसर पर हिंदी दिवस विशेषांक एनआरएल ई-पित्रका का तृतीय अंक एनआरएल के आरसीई श्री गोपाल शर्मा जी के



श्रीमती शोभना श्रीवास्तव पुरस्कार प्रदान करते हुए

करकमलों से कुंजीपटल दबाकर विमोचन किया गया। श्री विद्युत बुढ़ागोहाई, महाप्रबंधक(प्रशासन व सुरक्षा) के मार्गदर्शन में आयोजित समापन समारोह में श्री गोपाल शर्मा, आरसीई, श्री हेमंत नाथ, मुख्य महाप्रबंधक, श्री



हिंदी दिवस शपथ पाठ



पाठ्यक्रम पुस्तक वितरण



एनआरएल ई-पत्निका का विमोचन

Hindi Section



पुरस्कार वितरण का एंकाश

नलीनी बुढ़ागोहाँई, मुख्य महाप्रबंधक (वाणिज्यिक) ने कार्यालयों में हिंदी कार्यान्वयन की गति को बढ़ाने के लिए कई मूल्यवान सुझाव दिए। इस अवसर पर

अग्निशमन विभाग के अधिकारी श्री गौरव कुमार ने 'राजभाषा हिंदी' शीर्षक पर स्वरचित एक खूबसूरत हिंदी कविता पाठ की अंत में पखवाड़े के दौरान आयोजित प्रतियोगिताओं की सभी विजेता प्रतिभागियों को पुरस्कार प्रदान किया कार्यक्रम का समापन श्री गौरव दास, वरिष्ठ प्रबंधक(मानव संसाधन) के धन्यवाद ज्ञापन से हुआ।

एन.आर.एल. दिल्ली कार्यालय में 14 सितम्बर, 2022 से 29 सितम्बर, 2022 तक हिन्दी पखवाड़ा मनाया गया जिसमें विभिन्न प्रतियोगिताओं का आयोजन किया गया। पखवाड़े का समापन समारोह, पुरस्कार वितरण एवं हिन्दी कार्यशाला के साथ, दिनांक 30 सितम्बर को सम्पन्न हुआ जिसकी अध्यक्षता श्रीमित शोभना श्रीवास्तव, उप-निदेशक (ओ.एल.), पैट्रोलियम एवं प्राकृतिक गैस मंत्रालया द्वारा की गयी।

कर्मचारियों के लिए हिंदी कार्यशाला का आयोजन

नांक 30 सितंबर, 2022 को एनआरएल के कर्मचारियों के लिए "वर्तनी और शुद्ध हिंदी" शीर्षक पर अर्ध दिवसीय कार्यशाला का आयोजन किया गया। कार्यशाला का उद्घाटन महाप्रबंधक(प्रशासन व सुरक्षा) श्री विद्युत बुढ़ागोहाई जी ने की। सभी प्रतिभागियों ने सिक्रयता से कार्यशाला में अंशग्रहण किया और प्रश्नों के जिरए अपनी भाषाज्ञान को और समृद्ध करने की भरपूर कोशिश की। कार्यशाला में कुल 12 कर्मचारियों ने प्रतिभागिता की।



प्रबोध, प्रवीण और प्राज्ञ हिंदी प्रताचार पाठ्यक्रम के नए सत्र में नाम पंजीकरण

जभाषा विभाग, गृहमंत्रालय के अधीन केंद्रीय हिंदी प्रशिक्षण संस्थान द्वारा संचालित ऑनलाइन हिंदी प्रबोध, प्रवीण और प्राज्ञ पताचार पाठ्यक्रम के नए सत्त में इस वर्ष एनआरएल के कुल ग्यारह कर्मचारियों ने अपना नाम पंजीकृत किया। इनमें से प्रबोध में - 1, प्रवीण में-7 और प्राज्ञ में 3 कर्मचारियों ने आपना नाम दर्ज किया है।

तृतीय पैट्रोलियम राजभाषा सम्मेलन



चेट्रोलियम एवं प्राकृतिक गैस मंत्रालय द्वारा दिनांक 9 सितम्बर, 2022 को अशोक होटल, दिल्ली में तृतीय राजभाषा सम्मेलन का आयोजन किया गया। इस सम्मेलन में मंत्रालय एवं उसके सभी उपक्रमों जैसे बीपीसीएल, आईओसी, ओएनजीसी, एचपीसीएल, गेल के राजभाषा अधिकारियों ने भाग लिया। एनआरएल दिल्ली कार्यालय से इस सम्मेलन में श्री विनय कुमार और श्रीमित सीमा तनेजा ने भाग लिया।

এক্ৰেলিক পেইন্টিংৰ ওপৰত কৰ্মশালা





বা ইং ৪, ৫ ও ৬ জুলাই তাৰিখে নুপূৰ কলা ও সংগীত বিদ্যালয়ৰ উদ্যোগত এখনি এক্ৰেলিক পেইণ্টিংৰ তিনি দিনীয়া কৰ্মশালা অনুস্থিত হৈ যায় য'ত প্ৰায় ৫০ জনৰ অধিক ছাত্ৰ-ছাত্ৰীৰ লগতে অভিভাৱকসকলেও অংশগ্ৰহণ কৰে। কৰ্মশালা খনিৰ প্ৰশিক্ষণ আগবঢ়ায় বিশিষ্ট চিত্ৰশিল্পী শ্ৰীযুত ৰূপম শইকীয়া আৰু তেখেতৰ সহযোগী শিল্পী সকলে। কৰ্মশালাৰ শেষত ছাত্ৰ-ছাত্ৰীসকলৰ দ্বাৰা অংকিত চিত্ৰৰ প্ৰদৰ্শনী অনুস্থিত হয়।



সদৃশ অসম লোকগীত আৰু আধুনিক গীত প্ৰতিযোগিতা

বা ইং ২৪ জুলাই তাৰিখে নুমলীগড় শোধনাগাৰ নগৰাঞ্চলস্থিত নুপূৰ কলা ও সংগীত বিদ্যালয়ৰ উদ্যোগত সদৌ অসম ভিত্তিত এখনি লোকগীত আৰু আধুনিক গীতৰ প্ৰতিযোগিতা সম্পন্ন হৈ যায়। প্ৰথম পৰ্য্যায়ত অসমৰ বিভিন্ন জিলাৰ পৰা অনলাইন যোগে প্ৰায় ৩০০জন প্ৰতিযোগীয়ে অংশগ্ৰহণ কৰে। ৩০০ প্ৰতিযোগীৰ মাজৰ পৰা ৮০ জন প্ৰতিযোগী নিৰ্বাচন কৰা হয়। এই নিৰ্বাচনত সহায় কৰে অসমৰ স্বনামধন্য শব্দযন্ত্ৰী দিগন্ত বৰদলৈ, জনপ্ৰিয় কণ্ঠশিল্পী ৰূপম ভূঞা আৰু কল্লোল বৰঠাকুৰ ডাঙৰীয়াই। মূল প্ৰতিযোগিতা খনিত বিচাৰকৰ আসন অলংকৃত কৰে অসমৰ কেইবাগৰাকী স্বনামধন্য কণ্ঠশিল্পী ক্ৰমে পুলক বেৰ্নাজী, দিগন্ত ভাৰতী, প্ৰণিতা বৈশ্য মেধি আৰু জবা চক্ৰৱৰ্তীয়ে। পৰিচালন সঞ্চালক ভাস্কৰ জ্যোতি ফুকন ডাঙৰীয়াই বন্তি প্ৰজ্বলন কৰি উদ্বোধন কৰা প্ৰতিযোগিতা খনিত আদৰণি ভাষণ আগবঢ়ায় বিদ্যালয়ৰ সভাপতি শ্ৰীযুত জ্যোতি ভূষণ শৰ্মা দেৱে।

বিশিষ্ঠ অতিথি হিচাপে উপস্থিত থাকে শোধনাগাৰৰ মুখ্য মহাপ্ৰবন্ধক শ্রীযুত হেমন্ত কুমাৰ নাথ, মুখ্য মহাপ্ৰবন্ধক ড° কাজল শইকীয়া, মুখ্য মহাপ্ৰবন্ধক শ্রী যুত সমীৰ কুণ্ডো ডাঙৰীয়া আদি কেইবাজনো বিশিষ্ট ব্যক্তি। প্রতিযোগিতা খনিত লোকগীত প্রতিযোগিতাত প্রথম স্থান লাভ কৰে শ্রী অৰিজিত শইকীয়াই (যোৰহাট) দ্বিতীয় স্থান লাভ কৰে শ্রীমতী ফ্লবিনা বৈশ্য (শুৱালকুছি) আৰু তৃতীয় স্থান লাভ কৰে যুটীয়া ভাবে শ্রী প্রজ্ঞান প্রতীম ফুকন (আমগুৰি, শিৱসাগৰ) আৰু চয়নিকা বসুমতাৰীয়ে (নাজিৰা, শিৱসাগৰ)। লগতে বিচাৰকৰ বিশেষ বঁটা লাভ কৰে শ্রীমতী শ্রুতি কাশ্যপ





Assamese Section



(ৰজাবাৰী,বোকাখাট) আৰু স্নিগ্ধালক্ষ্মী বৰুৱাই (গৰিয়া বৰপথাৰ) আনহাতে আধুনিক গীত প্ৰতিযোগিতাত প্ৰথম স্থান লাভ কৰে শ্ৰীমতী অভিশ্ৰুতি শৰ্মা (গোলাঘাট), দ্বিতীয় স্থান লাভ কৰে শ্ৰীমতী সম্ৰাজ্ঞী কাশ্যপ (বিশ্বনাথ চাৰিআলি) আৰু তৃতীয় স্থান লাভ কৰে যুটীয়াভাবে ক্ৰমে শ্ৰীমতী খ্যাতি আৰাধ্যা মহন্ত (নুমলীগড় শোধনাগাৰ নগৰাঞ্চল) আৰু শ্ৰীমতী আইৰীন গগৈ (শিৱসাগৰ) লগতে বিচাৰকৰ বিশেষ বঁটা লাভ কৰে ক্ৰমে শ্ৰীমতী ৰাচিকা দাস (নুমলীগড় শোধনাগাৰ নগৰাঞ্চল) আৰু শ্ৰী আকাশনীল নেওঁগে (ঢেকীয়াল,গোলাঘাট) বুলি জানিবলৈ দিয়ে বিদ্যালয়ৰ অধ্যক্ষ শ্ৰীযুত প্ৰণৱ শইকীয়াই। শেষত সম্পাদক শ্ৰীযুত পংকজ কুমাৰ ৰয় ডাঙৰীয়াই শলাগৰ শৰাই আগ বঢ়াই আৰু সুন্দৰ অনুষ্ঠানটিৰ সামৰণি ঘোষণা কৰে।





বিগত বৰ্ষসমূহৰ দৰে এইবেলিও ২৫ ছেপ্টেম্বৰ, ২০২২ তাৰিখে নুমলীগড় শোধনাগাৰ শাখা সাহিত্য সভাৰ উদ্যোগত নুমলীগড় শোধনাগাৰ আৰু নুমলীগড় শোধনাগাৰৰ লগত জড়িত সহযোগী অনুষ্ঠানৰ পৰিয়ালৰ ২০২২ বৰ্ষত দশম শ্ৰেণী সুখ্যতিৰে উত্তীৰ্ণ 70 জন কৃতী শিক্ষাৰ্থীক এখন মানপত্ৰ আৰু তাই আহোম জনগোষ্ঠীৰ 'ফা-চিট'ৰে এক গাম্ভীৰ্যপূৰ্ণ অনুষ্ঠানত অভিনন্দন জনোৱা হয়।



নুমলীগড় শোধনাগাৰত নৱ নিযুক্ত ৩০ জন কৰ্মচাৰীলৈ ২৫ ছেপ্টেম্বৰ, ২০২২ তাৰিখে নুমলীগড় শোধনাগাৰ শাখা সাহিত্য সভাৰ তৰফৰ পৰা ওলগ জনোৱা হয়। এক চমু অনাৰম্বৰ পূৰ্ণ অনুষ্ঠানত প্ৰতিগৰাকীকে একোখন 'অন্বেষণ' আৰু সভাৰ প্ৰতীক অৰ্পণৰ লগতে সভাৰ সদস্যপদ আগবঢ়োৱা হয়।

'অন্বেষণ' উচৰ্গা

বহুমুখী প্ৰতিভাৰ আকৰ, সমাজ হিতৈষী, দানবীৰ, সাংবাদিক, গণবন্ধু, বিশাল ব্যক্তিত্বৰ অধিকাৰী হেমেন চন্দ্ৰ হাজৰিকাৰদেৱৰ মৃত্যুত নুমলীগড় শোধনাগাৰ শাখা সাহিত্য সভাই এজন অভিভাৱকক হেৰুৱাই মৰ্মাহত। যিগৰাকী ব্যক্তিৰ প্ৰচেষ্টাত ইং ২০০১ চনৰ ২১ জুনত নুমলীগড় শোধনাগাৰ শাখা সাহিত্য সভা জন্ম হোৱাৰ লগতে গোলাঘাট জিলাৰ শ্ৰেষ্ঠ শাখা, অসম সাহিত্য সভাৰ শ্ৰেষ্ঠ শাখাৰ বঁটা পাবলৈ সক্ষম হৈছিল। শোধনাগাৰ শাখা সাহিত্য সভাৰ জন্মলগ্গৰে পৰা শাখাৰ বহুটো কামৰ অন্তৰালত তেখেতৰ উল্লেখযোগ্য অৱদান অনম্বীকাৰ্য্য। তেখেতৰ পূণ্য আদ্যশ্ৰাদ্ধৰ দিনটোত তেখেতৰ বাসগৃহত সভাৰ দ্বাৰা প্ৰকাশিত প্ৰাচীন কামৰূপৰ চাৰিপীঠৰ সাংস্কৃতিক পৰম্পৰা আৰু চমু ইতিহাস সম্বলিত এখনি পুন্তিকা 'অন্তেষণ' তেখেতৰ নামত উচৰ্গা কৰি শ্ৰদ্ধা নিবেদন কৰা হয়।



গণবন্ধু হেমেন হাজৰিকাৰ মৃত্যুত শোকস্তব্ধ নুমলীগড় শোধনাগাৰ শাখা সাহিত্য সভাৰ বিষয়ববীয়া।





গদা ডেকা অৱসৰ প্ৰাপ্ত বিষয়া

কৰিকালৰ অন্তিম বছৰ দুটা আমি মানৱ-সম্পদ বিভাগৰ দায়িত্ব ল'ব লগা হৈছিল। এই বিভাগত কাৰ্যকাল চমু আছিল যদিও অত্যন্ত আমোদজনক অথচ প্ৰত্যাহ্বানমূলক আছিল। বহুকেইটা তিতা কেহা মিঠা ঘটনা পৰিঘটনা বা দুৰ্ঘটনাৰ মুখামুখি হৈ সেইবোৰৰ সমাধান সুত্ৰ উলিয়াব লগা হৈছিল। যিকোনো শীল্প উদ্যোগত জীৱ আৰু জড়ৰ সমানেই অৰিহণা থাকে। যন্ত্ৰ বোৰ লাগতিয়াল জড় আৰু উদ্যোগটো সফলতাৰে পৰিচালনা কৰাৰ বাবে জীৱৰ প্ৰয়োজন। এই জীৱকুল হ'ল অপৰিহাৰ্য্য সম্পদ। মানৱ সম্পদ। যন্ত্ৰ পাতিৰ তুলনাত জীৱকুলৰ সমস্যা অনেক। স্পৰ্শকাতৰ। আৰু সেই সকলোবোৰ সমস্যা সমাধানৰ শেষ আশ্ৰয় মানৱ সম্পদ বিভাগ।

সেইসময়ত নুমলীগড় শোধনাগাৰৰ পৰিচালন সঞ্চালক আছিল শ্রী পি পদ্মনাভন। দাক্ষিণাত্যৰ কেৰেলিয়ান মুলৰ মানুহ। অত্যন্ত তীক্ষুবুদ্ধি আৰু প্রত্যুৎপন্নমতিতাৰ বাবে সকলোৰেপৰা যথেষ্ট সম্ভ্রম আদায় কৰিব পাৰিছিল। তেখেতৰ কাম কৰাৰ পদ্ধতিও আছিল অগতানুগতিক, অভ্যুতপূর্ব। কাৰিকৰী-অকাৰিকৰী উভয় বিষয়তে অতি পাৰদর্শী। তথাকথিত প্রটকল মানি নচলে। একেবাৰে জুনিয়ৰ কর্মচাৰী এগৰাকীৰ পৰাও কামৰ খুটিনাটি আদি নিজে গৈ বুজি লয় আৰু বিভিন্ন মঞ্চত সেইবোৰৰ উচ্চ প্রশংসা কৰে। বিষয়া কর্মচাৰীসকলৰ কথা বাদেই, শোধনাগাৰৰ বনুৱাসকলৰ লগতো বৰ সৌহাদ্যপূর্ণ ব্যৱহাৰ কৰিছিল।

কাজেই পদ্মনাভন ছাৰ আছিল এজন অতি 'স্মার্ট' বিষয়া।

আগতেই কৈছো পদ্মনাভন ছাৰৰ কৰ্মকাণ্ড আছিল অভিনৱ। নুমলীগড় শোধনাগাৰত যোগদানৰ পিছৰ দিনটোতে সকলো বিষয়া-কৰ্মচাৰীসকলক সামৰি মুকলি মঞ্চত তেখেতৰ বক্তব্য অতি স্পষ্টভাৱে উপস্থাপন কৰিলে। সভাৰ অস্তত উপস্থিত সকলোকে কিছুমান প্ৰশ্ন সম্বলিত একোখন কাকত দি উত্তৰ সমূহ নিৰ্ভয়ে স্পষ্টভাৱে দিবলৈ নিৰ্দেশ দিলে। উল্লেখযোগ্য যে প্ৰশ্নোভৰত নাম লিপিবদ্ধ কৰাটো বাধ্যতামূলক নাছিল। পৰবৰ্তী সময়ত উক্ত উপযুক্ত পৰামৰ্শৱলিৰ ভিত্তিত বহুতো কাৰ্য্যসূচী গ্ৰহণ কৰি শোধনাগাৰটোৰ উন্নতিত প্ৰভত অৰিহণা যোগাইছিল।

এদিন ছাৰে সিদ্ধান্ত ল'লে তেখেতে শোধনাগাৰৰ দিনহাজিৰা কৰা বনুৱাসকলৰ লগত মুকলি সভা এখনত তেওঁলোকক সম্বোধন কৰিব। শোধনাগাৰত প্ৰায় দুহাজাৰমান বনুৱাই কাম কৰে দিনে নিশাই। সকলোৰে বাবে বহা আৰু আপ্যায়নৰ সুব্যৱস্থা কৰিবলৈ মানৱ সম্পদ বিভাগলৈ কাঢ়া নিৰ্দেশ। খোৱাৰ ব্যৱস্থা কৰা হ'ল পৰিয়ালৰ সকলোৱে ঘৰত খাব পৰাকৈ 'ফেমিলী পেকেট লাঞ্চ'।

মুঠতে এক আটোমটোকাৰি বিশাল আয়োজন। অৱশেষত সেই নিৰ্দিষ্ট দিনটো আহিল। কিন্তু নভৱাকৈ সমস্যা এটা আহিল। সভাখনৰ মুল উদ্দেশ্য আছিল পৰিচালন সঞ্চালক গৰাকীয়ে ৰাইজক শোধনাগাৰটোৰ উন্নতিত কৰ্তৃপক্ষ তথা বনুৱাসকলৰ দায়বদ্ধতাৰ বিষয়ে নিজৰ ভাৱ ব্যক্ত কৰাৰ। ইফালে পদ্মনাভন ছাৰ আছিল শুদ্ধ দক্ষিণ ভাৰতীয় ভদ্ৰলোক। অসমীয়া ভাষা দুৰ্বে কথা, হিন্দী ভাষাতো তেখেত সাৱলীল নহয়। ইংৰাজীৰ বাহিৰে আন ভাষা ছাৰৰ মুখত নচলে। গতিকে ইংৰাজীতেই তেখেতে ভাষন ৰাখিব লাগিব। পিছে অশিক্ষিত অর্ধশিক্ষিত বনুৱা ৰাইজে ইংৰাজী ভাষণৰ কি মাথা-মুণ্ড বুজি পাব! কথাটো পদ্মনাভন ছাৰৰ কর্ণগোচৰ কৰা হ'ল, তাকো সভা আৰম্ভ হোৱাৰ প্রায় এঘন্টামানৰ আগতে। মুহূর্ততে ছাৰৰ সমস্ত উৎসাহত যেন চেচাঁ পাণী পৰিল। ঘোৰ সংকট। বহুতো 'মগজু কর্ষণ' কৰাৰ পাছত সিদ্ধান্ত হল এজন দু-ভাষী নিয়োগ কৰা। পদ্মনাভন ছাৰে ইংৰাজীত কৈ যোৱাৰ লগে-লগে দু-ভাষীজনে অসমীয়ালৈ তর্জমা কৰি গৈ থাকিব। পিছে দু-ভাষীজন হ'ব কোন? প্রথম কথা ভাষণটো লিখিত নাছিল, মনত যি আহে তাকেই প্রকাশ কৰিব। মুখতে অনুবাদ তাতেই আকৌ শোধনাগাৰৰ সর্বোচ্চ আসনত থকা ব্যক্তিগৰাকীৰ ভাষণ। ইফাল সিফাল হ'বই নোৱাৰিব। 'বলিৰ বক্ৰা' এজন লাগে।

অৱশেষত এই অধমকে উক্ত দায়িত্বত থাপি সকলোৱে স্বস্তিৰ নিশ্বাস পেলালে। অধমে কিছু লেখা মেলা কৰি ইতিমধ্যে 'সাহিত্যিক' হৈ পৰাৰ কুখ্যাতি সুত্ৰে দু-ভাষীৰ দায়িত্ব!

আপত্তি কৰাৰ সুযোগ বা সময় দুয়োটাই নাছিল। মোৰ নামটো প্ৰস্তাৱ কৰা চকুছৰহা কেইজনৰ মুখত কৌতৃক ভৰা হাঁহি।

যথাসময়ত সভাৰ কাম আৰম্ভ হ'ল। পদ্মনাভন ছাৰে ভাষণ আৰম্ভ কৰিলে।

মই তেখেতৰ কাষতেই থিয় হৈ প্ৰতিটো বাক্যৰ অনুবাদ কৰি ৰাইজক শুনাই আছোঁ। ছাৰৰ উদাত্ত ভাষণ। মাজে মাজে মোৰ উপস্থিতি পাহৰি একেলেথাৰিয়ে কবলৈ ধৰে। সোৱৰাই দি ভাষণত 'পজ' দিয়াই লওঁ। প্ৰায় ডেৰঘণ্টামানৰ পাছত ভাষণ শেষ হ'ল। ৰাইজৰ জাউৰিয়ে-জাউৰিয়ে হাত চাপৰিত ছাৰ পৰম আহ্লাদিত হ'ল। মঞ্চতেই মোক ধন্যবাদ জনালে।

পিছদিনা ছাৰৰ কাৰ্যালয়ত উচ্চ পৰ্যায়ৰ বিষয়া সকলৰ সৈতে এখন জৰুৰী মিটিং আছিল য'ত ময়ো উপস্থিত আছিলোঁ। কথা প্ৰসংগত আগদিনাখনৰ সভাখনৰ কথা ওলাল। সভাখন সুকলমে সম্পন্ন কৰাৰ বাবে পৰিচালন সঞ্চালকে সংশ্লিষ্ট সকলোকে ধন্যবাদ জনালে। লগতে দুভাষী হিচাপে সুন্দৰ ভাৱে তেখেতৰ কথাখিনি মুখতে অনুবাদ কৰি ৰাইজক বুজাই দিয়া বাবে মোক অশেষ ধন্যবাদ জনালে। তেখেত বিশেষভাৱে আচৰিত হৈছিল ইংৰাজী ভাষাৰ কিছুমান তত্ত্বগধুৰ বিষয় মইযে উপকৰে অনুবাদ কৰি দিছিলোঁ। সকলোৱে তেখেতৰ কথাত হয়ভৰ দিলে।

মই সম্ভ্ৰমেৰে কলো যে প্ৰথমতে নিজেও কিছু পৰিমাণে নাৰ্ভাচ হৈ আছিলোঁ যদিও কামটো ভবা ধৰনে ইমান কঠিনো নাছিল। ছাৰক কলো তেখেতে অসমীয়া আৰু বনুৱাসকলে ইংৰাজী ভাষা বুজি নোপোৱা বাবে বৰঞ্চ মোৰ বাবে সুবিধাহে হ'ল যথেষ্ট নিজৰ মতে তৰ্জমা কৰিবলৈ। কাৰণ ছাৰৰ কথাখিনি ৰাইজে বুজি পোৱা নাছিল আৰু মোৰ তৰ্জমাখিনি ছাৰে বুজি পোৱা নাছিল!

কিছু সময় মোৰ মুখৰ ফালে চাই পদ্মনাভন ছাৰে কৈ উঠিল 'ভেৰি স্মার্ট'!!! সকলোৱে গিৰ্জনি মাৰি হাঁহি উঠিল।





Siliguri Marketing Terminal Admin Building bedecked in the Tri-Color hues on the 76th Independence Day of the Nation