

ब'दालि

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January-March 2022, Vol. 74

# R o d a l i

House Journal of Numaligarh Refinery Limited

NUMALIGARH  
REFINERY  
LIMITED

A GOVERNMENT OF INDIA ENTERPRISE





## From the Desk of the Editor



Dear Readers,

It has been happy new beginnings as we ushered in the year 2022.

Our Company was ranked 'Excellent' for the FY 2020-21 by the Department of Public Enterprises (DPE) based on its MoU scores released on 18<sup>th</sup> January 2022. NRL's DPE MoU score of 96.72 is not only the highest amongst CPSEs under the Ministry of Petroleum and Natural Gas but also places it in the exalted league of top 20 CPSEs across all sectors in India!

There has been a change of guard at the helm with Mr. B J Phukan taking over the reins as MD i/c of the Company on 1<sup>st</sup> February 2022 after the superannuation of Mr. S K Barua on 31<sup>st</sup> January 2022; who was given a warm send off by the company and its associated entities.

It has been a time of MoUs, agreements, events, inaugurations and launches.

Leading the way, NRL became the first amongst the oil and gas PSUs and the first downstream company to migrate to the latest suite of SAP applications, which was formally launched on 7<sup>th</sup> February 2022.

NRL added another feather to its cap by winning the prestigious ICAI Award for Excellence in Financial Reporting for the FY 2020-21 in the category of 'Manufacturing and Trading Sector' for its Annual Report and Financial Statement; which was presented on 9<sup>th</sup> February 2022.

In a key development for the ongoing mega Integrated Numaligarh Refinery Expansion Project, a comprehensive insurance coverage from insurers led by The New India Assurance Company Limited was finalised on 10<sup>th</sup> January 2022 in Mumbai.

Lending a boost to up its technical know-how, NRL signed an MoU with Engineers India Limited (EIL) for collaboration as well as the development and commercialisation of technologies on 31<sup>st</sup> March 2022 at EIL Head Office, New Delhi.

This quarter was also full of sporting events. Our Company played host to the 40<sup>th</sup> PSPB inter-unit Tennis Tournament at AATA Tennis Complex, Guwahati between 27<sup>th</sup> to 31<sup>st</sup> March 2022, which saw the participation of seven teams viz. BPCL, CPCL, HPCL, IOCL, OIL, ONGC and hosts NRL represented by around 50 players and coaches. Providing a kick to our endeavours to create a sporting ecosystem in our neighbourhood, football legend Baichung Bhutia visited Kunjakanan, NRL Township on 14<sup>th</sup> March 2022 to witness a friendly football match between NRL Football Academy and Lamare Sports Club, Shillong. Also present were NRL Independent Directors Mr. Sudip Pradhan and Mr. Gagann Jain.

Our Company has been growing exponentially in terms of projects and brimming with fresh new faces. The article published in 'In touch with' section by former MD Dr. B K Das on 'Leading and Managing Creatively High Growth – in an environment of exponential change and complexity' provides deep insights on negotiating the road ahead.

Hope you enjoy reading this issue of Rodali!

With warm regards,

**Madhuchanda Adhikari**

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## Highlights of NRL's performance during Q4 of FY 2021-22 and FY 2021-22

### Capacity Utilisation

NRL's crude throughput during Q4 of FY 2020-21 was 694 TMT reflecting a capacity utilization of 93%. During the year, NRL's crude throughput was 2,624 TMT against MoU target of 2,840 TMT. It was lower than target mainly due to lower crude processing during Q1 on account of Covid related demand destruction of HSD. Operational availability of the refinery was 98.11% maintaining a high performance. NRL achieved the following significant milestones during the year

- Highest ever LPG Bottling at 58 TMT.
- GeM procurement of ₹3,830 Crore, highest among Oil CPSEs during 2021-22.

### Production Efficiency

During FY 2021-22, a distillate yield of 85.69% was achieved as compared to 86.36% in FY 2020-21. Distillate yield during Q4 was 87.73%.

Specific Energy Consumption (SEC) during the year was 63.51 MBN which was better than internal target of 64.05 MBN. Specific Energy Consumption (SEC) during Q4 was 60.03 MBN.

Energy Intensity Index (EII) during the year was 84.7% against the internal target of 86.0%. Energy Intensity Index (EII) recorded during Q4 was 80.2%.

### Marketing Performance

Product sales during the FY 2021-22 was 2799 TMT. NSPL throughput was 1516 TMT. Export of HSD to Bangladesh was 56 TMT. Wax export was 454 MT with total value of export to the tune of USD 41 million.

### Capital Expenditure

Highest ever Standalone Capital expenditure of ₹3,403 Crore (prov.) was recorded in the FY 2020-21, marking an improvement of 268% over previous year. In addition to the project Capex, NRL has made equity contribution of ₹38.46 Crore in JVs – ABRPL and IGGL.

### Ongoing / Upcoming Projects

#### i) Refinery expansion from 3 to 9 MMT:

Revised Cost Estimate for the capacity expansion project has been approved by MoPNG from ₹22,594 Crore to ₹28,026 Crore. The revised cost estimate is based on changes in scope and price escalation. Refinery configuration was upgraded with Residue Upgrading Facility with integrated VGO HDT/PFCCU with the objective to produce petrochemicals in future. The project is to be completed within a period 48 months from the date of Environment Clearance i.e. 27.07.2021. NRL

will consider the green hydrogen option while sizing its hydrogen unit.

Financial closure for the expansion project has been achieved on 30-12-2021 with signing of rupee term loan agreement of ₹18,904 Crore with a consortium of 12 banks led by State Bank of India.

#### a) Status on NREP:

- Approved cost of the project is ₹18,968 Crore.
- As on 31<sup>st</sup> March, 2022, the physical progress was 11.1% and financial progress was 6.25%.
- Cumulative Financial Commitment was ₹11,965 Crore.

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

- Approved cost of the project is ₹9,058 Crore.
- As on 31<sup>st</sup> March, 2022, the physical progress was 24.5% and financial progress was 26.47%.
- Cumulative Financial Commitment was ₹5,861 Crore

#### ii) Indo-Bangla Pipeline Project:

As on March, 2022, the overall physical progress achieved was 90.3%. Financial progress as on March, 2021 is 73.99%. The mechanical completion of the project is expected on June, 2022.

#### iii) Petrochemical Project:

NRL is implementing its first petrochemical project to set up a Poly Propylene Unit (PPU) of 360 KTPA capacity at an approved cost of ₹6,555 Crore. The investment approval for the project was obtained in March 2022 and licensor for the process unit has been selected. The project is anticipated to be completed in FY 2025-26.

### Investment in new JVs:

#### i) Assam Bio Refinery Pvt. Limited (ABRPL):

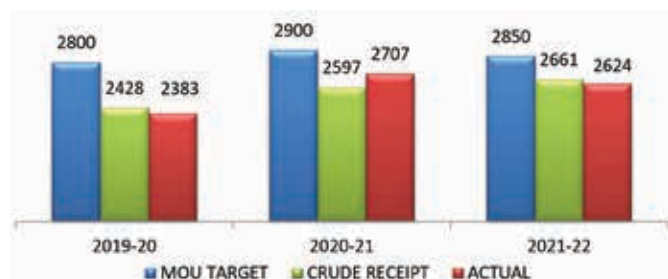
NRL hold 50% equity while the remaining 50% is held by Fortum BV3 and Chempolis Oy of Finland. The approved cost of the project is ₹3,250 Crore. The project has received sanction of Rs 150 Crore from the Central government under viability gap funding. At present on March, 2022, the overall physical progress achieved was 66.6%. Financial progress as on March, 2021 is 43.26%.

#### ii) Indradhanush Gas Grid Limited (IGGL):

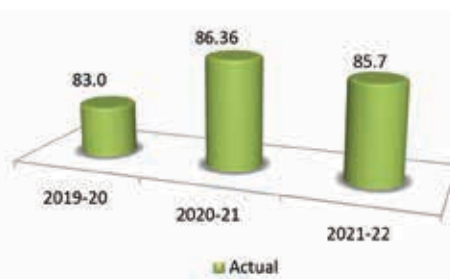
NRL is a partner with 20% stake in Indradhanush Gas Grid Limited (IGGL) which is executing Natural Gas Pipeline of 4.75 mmscmd capacity. Estimated project cost is ₹9,265 Crore. The project is expected to be completed by March, 2024. As on March 2022, the overall physical progress was 43.24% and financial progress was 20.61%.

## Performance Highlights

### Crude Throughput (TMT)



### Distillate Yield (%)



### Specific Energy Consumption (in MBN)



## NRL News

### NRL Rated Excellent in MoU for FY 2020-21 by Department of Public Enterprises (DPE), top among Oil and Gas CPSEs

Our Company has been rated Excellent in MoU of FY 2020-21 by Department of Public Enterprises (DPE), Govt. of India. NRL is now in the league of top 20 CPSEs (Central Public Sector Enterprises) in the country to have scored 'Excellent' rating for the FY 2020-21. Further, NRL's MoU score of 96.72 is the highest amongst CPSEs under Ministry of Petroleum and Natural Gas. The MoU ratings were released on 18-01-2022 by Department of Public Enterprises, Ministry of Finance, Govt of India.

Every year, MoU targets for performance of CPSEs against various performance parameters is set by DPE. The MoU includes targets related to various parameters such as Financial, Physical, Human Resource Management, Project Execution, etc. Apart from the above, special emphasis is also given to targets related to CAPEX and growth.

### CM Reviews NRL Expansion Project

Hon'ble Chief Minister of Assam Dr. Himanta Biswa Sarma held a meeting with the representatives of ACMS, ATTSA, NRL, Golaghat District Administration and Rajabari Tea Estate at NRL Guest House in Numaligarh on 05-02-22 to resolve all issues relating to acquisition of 600 bigha land for the expansion project of Numaligarh Refinery Limited.

After a threadbare discussion and listening to all sides, the Chief Minister advised several directions for amicable resolution of the land acquisition matter to ensure that not a single permanent or temporary worker of Rajabari tea garden is affected by this acquisition.



As per directions of the Chief Minister, it has been decided to provide compensation to 156 permanent workers of the tea garden to the tune of ₹5 lakh each. Out of this, ₹4 lakh will be paid by the tea garden management and ₹1 lakh by the State Government.

Similarly, 222 temporary workers will be given

compensation to the tune of ₹2.50 lakh each, out of which ₹2 lakh will be paid by the tea garden management and ₹50,000 by the state government.

Further, NRL has come forth to give appointments to 100 workers of the garden, i.e. 50 permanent and 50 temporary.

## First Digester Package of Assam Bio Refinery Reaches Numaligarh

The Assam Bio Refinery Project saw some rapid progress with the arrival of Digestors at the Project Site through river route and subsequent erection.

On 15-02-22, the mammoth 260 MT Digester package for Assam-Bio-Refinery at Numaligarh reached Silghat, Assam after setting sailing from Kolkata on 18-01-22 via river route. The cargo contained two Digesters of 85 MT weight, 5.5 metres diameter and 22 metres well length each along with two legs of 45 MT each.



*The first digester package of Bio Refinery arrives at Silghat*

Earlier, the entire digester package comprising of 4 digesters and 4 legs was bulk shipped from Shanghai Port in China. Subsequently, the second lot also unloaded in Kolkata Port to reach Numaligarh through the same route.

Erection of the 1<sup>st</sup> among the 4 Digesters was done on the auspicious occasion of Holi on 18-03-22 followed by the erection of 2<sup>nd</sup> Digester the next day.

Inland Water Ways Authority of India facilitated transportation of this overweight and over dimensional cargo by utilizing the mighty Brahmaputra that was

declared as National Waterways-2 between Sadiya and Dhubri way back in the year 1988.

Reopening of waterways for transportation of bulk cargo augurs well for the economy of the North East region. Notably, this was the first cargo transported since the dredging works at critical junctures of the mighty Brahmaputra were initiated by the Ministry of Ports, Shipping and Waterways, Union Minister Shri Sarbananda Sonowal had informed earlier. Sharing a video of the cargo ship on 18-01-22, MD NRL Mr. S K Barua tweeted, 'The first Digester package of 260 MT of Assam Bio Refinery has sailed off today from Kolkata to Silghat Assam. This will open up the Brahmaputra river way for Cargo transportation'. It is worth mentioning that in order to provide a springboard for the region to act as a catalyst in India's economic rebound, there have been efforts to build waterways of the region and connect it to major ports in the Bay of Bengal. Union Minister Shri Sonowal shared the tweet, writing, 'Wheels of prosperity via waterways, set in motion. Wonderful news for the #NorthEast as cargo movement via NWs gets boosted', Hon'ble Chief Minister of Assam Dr. Himanta Biswa Sarma also tweeted to express his jubilation at development. He wrote, 'Indeed a positive news . Very happy'.



*Erection of the 1<sup>st</sup> Digester package at Numaligarh on 18-03-22*

## NRL partners with AspenTech in pursuit of Operational Excellence

NRL is accelerating digitalization initiatives to stay at the forefront of innovation. Key initiatives include maximizing refinery capacity utilisation and achieving operational excellence across areas such as product delivery and production of low volume, high-value products. In a step towards the end NRL has partnered with Aspen Tech for reliable technology-drive pathway towards achieving operational excellence and production optimization in the refinery. Based on the anticipated value that AspenTech Solutions can deliver, NRL has scaled the adoption of AspenOne Performance Engineering and Manufacturing and Supply Chain Solutions.



Aspen Technology, Inc. (AspenTech) is the global leader in industrial optimization software with its presence in 30 locations worldwide. Their solutions help companies

maximize their business performance while achieving sustainability goals. Their purpose-built technology products automate work in capital-intensive industries and build competitive advantage by delivering high returns over the entire asset lifecycle.

NRL signed the software licensing agreement with AspenTech in August 2016, jointly with BPCL Group companies. However, since its divergence from BPCL, NRL has signed licensing agreement with AspenTech on standalone basis in September 2021. NRL is currently implementing ATOM( Aspen Tank Operations and Movement system ) and AORA (Aspen Operations Reconciliation and Accounting). NRL is already using Aspen solutions like IP21, PIMS, DMC3 and HYSYS for optimization of production planning and processes in the refinery.

## Startup supported by NRL acquired by Australian Company

**Onetracker Technologies Pvt. Ltd.** from Guwahati, Assam has been acquired by **Get it Fast** an innovative Australian last mile delivery company.

Onetracker provides a world class enterprise technology platform for logistics and last mile delivery companies. The Company is backed by NRL Ideation, the Startup initiative of our company to encourage and support local entrepreneurs from North East India and create a conducive startup Ecosystem in this region. NRL Support has enabled Onetracker to successfully explore business opportunities in global markets and contributed immensely to the acquisition by Get it Fast.

Get It Fast offers innovative same day delivery services to

leading clients in the ANZ region. The Company aims to offer faster, convenient and sustainable last mile delivery experiences using leading technology and data analytics to power its operations. Get it Fast was an early adopter of Onetracker's technology platform. This acquisition will allow Get it Fast to invest extensively in Onetracker's platform to build a world class product ready for global markets.

Onetracker is in the process of setting up a development center in Guwahati, Assam. This development center will soon welcome the first batch of engineers and team members working on exciting projects to create cutting-edge cloud-native technologies in the last mile space.

## NRL starts despatch of EBMS

NRL has commenced despatch of Ethanol blended Motor Spirit (EBMS) from its Marketing Terminal in Numaligarh for supply to Retail Outlets located in North East India. The first tank truck loaded with EBMS was despatched on 03-03-2022 from Numaligarh Refinery Marketing Terminal to be sold through BPCL Retail Outlet. This augurs well with the Govt of India's target to achieve

20% blending of Ethanol with MS (Petrol) by 2025.

India imports 85% of its crude oil requirement. Ethanol, produced domestically, blending in Motor Spirit (Petrol) assumes significance at a time when the Govt. of India is focussed on reducing import dependence, thereby saving on foreign exchange while promoting green energy. Also,



ethanol is a less polluting fuel, and offers equivalent efficiency at a lower cost as compared to MS ( Petrol)

### MoU / Agreements

## MoU for FY 2021-22 signed with OIL

Performance MoU of NRL for the FY 2021-22 was signed between MD NRL Mr S K Barua and CMD OIL Mr. S C Mishra on 04-01-22 in Duliajan.



The MoU covers targets of performance against key financial parameters including Revenues from Operations, Asset Turnover Ratio, EBITDA as a percentage of Revenue, Return on Capital Employed, Return on Net Worth, Increase in EPS over previous year, Production-Crude Throughput, CAPEX and Expenditure on R&D / Innovations Initiatives as % of PBT.

The targets are based on audited accounts for the FY-2020-21. Vision provided by the MoPNG is also considered for benchmarking apart from CAPEX targets of CPSEs- as per Budget document of Union Govt. Targets for Expenditure on R&D/ Innovation Initiatives is based on PBT of FY 2021-22.

## MoU with EIL for Scientific and Technical collaboration

Our Company signed a Memorandum of Understanding (MoU) with EIL for scientific collaboration in order to facilitate exchange of scientific knowledge, encourage

joint research in the field of hydrocarbon, petrochemicals, emerging energy technologies and to commercialize such jointly developed technologies.



The MoU was signed by Senior Chief General Manager (CA) NRL, Mr. Nikunja Borthakur and Executive Director (Tech) EIL Mr. Rajib Aggarwal in presence of officials from NRL and EIL at New Delhi on 31-03-22.

EIL, which has an equity holding of 4.37% in NRL is a premier engineering consultancy and technology licensing company in the fields of hydrocarbons, petrochemicals, fertilizers, metallurgy, ports & terminals and other sectors of Industry with successful track record of having developed, over the years, experience and capabilities in petroleum and energy technology. EIL has experience

in preparation of design package of refinery process technologies.

NRL and EIL, having similarity in interest and expertise, have agreed to exchange on a reciprocal basis, scientific and technical information for joint development of indigenous technologies for creating new arena in the field of research and innovation and to give a fillip to the Govt of India's **Make in India** Initiative. The Research work, apart from developing technologies in hydrocarbon sector, will also encompass in developing new speciality chemical product by converting different Bio-Refinery streams of Assam Bio Refinery Private Limited.

## Project Insurance Coverage for Numaligarh Refinery Expansion Project Finalized with Consortium Led by New India Assurance Company Limited

The project insurance coverage for the ongoing 6 MMTPA integrated Numaligarh Refinery Expansion project being implemented an estimated cost of more than Rs. 28,000 Crore has been finalized. The signed policy handover ceremony with insurers led by *The New India Assurance Company Limited* was held in Mumbai on 10-01-

22. The policy documents were handed over to Director (Finance) NRL, Mr. Indranil Mittra by GM New India Assurance Co. Ltd., Mr. Jitender Mehndiratta. The event was attended by senior officials from the lead insurer, The New India Assurance Co. Ltd. and member co-insurers, representatives, consultants and other stakeholders.



The policy provides comprehensive coverage to both the Refinery Expansion project as well as the cross country pipeline (length 1640 Km) from Paradip, Odisha to Numaligarh along with a Crude Oil Import Terminal at Paradip, Odisha for receipt of imported Crude Oil. The ambit of the policy also includes the interests of various stakeholders such as Contractors, Sub-contractors, manufacturers, suppliers, vendors, lenders, consultants and other professionals involved in the Project. The Policy will cover the entire project period upto April, 2025, during which the project is expected to be completed and commissioned.

## MoU with JIST for Industry-Academia collaboration

Our Company has inked an MoU with JIST (Jorhat Institute of Science & Technology), Jorhat on 15-02-22 for strengthening industry-academia linkage.

The MOU was signed by Dr Atanu Kumar Dutta, Principal JIST and Dr. Kajal Saikia, GM(HR) I/C NRL in presence of Mr. Gopal Sarma, CGM(Operations) and Mr. H K



## MoU / Agreements

Nath, CGM(Maint) and other NRL officials.

In accordance with the MoU, NRL shall provide facilities to the students of JIST to undergo internship training. The MOU will open up avenues to jointly develop industry

## Awards

### NRL wins ICAI award 2020-21 for Excellence in Financial Reporting

NRL has been bestowed with the prestigious ICAI (Institute of Chartered Accountants of India) Awards for Excellence in Financial Reporting for 2020-21 in the category 'Manufacturing and Trading Sector (Turnover equal to ₹3,000 Crore or more)'. The Annual Report and Financial Statement of the company for year ended 31<sup>st</sup>



Director(Finance) NRL Mr. I Mittra receives the ICAI Award for Excellence in Financial reporting from Union MoS for Science and Tech etc. Dr. Jitendra Singh

relevant research project and to host joint events like seminars, workshops and special talks by eminent persons of the industry/academia etc.

March, 2021 has been adjudged as winner of the Silver Shield.

The award was presented by Dr. Jitendra Singh, Hon'ble Union Minister of State (Independent Charge), Ministry of Science and Technology, Prime Minister's Office, Personnel, Public Grievances and Pensions to Mr. Indranil Mittra Director (Finance) NRL at the ICAI Awards function held in Ghaziabad (U.P.) on 09-02-22 in the presence of Mr. Nihar N Jambusaria, President ICAI, Dr. Debashis Mitra, Vice President ICAI, senior NRL officials and other Central Council Members of ICAI.

The awardees have been selected by a high powered jury chaired by Mr. P.K. Gupta, CMD, NBCC (India) Ltd and a panel of eminent members from various walks of life after reviewing the accounting practices adopted by the companies while preparing their financial statements, the policies adopted for disclosure, and presentation of financial statements, among other information.

## Inaugurations and launches

### Ground Breaking Ceremony for Laying of Paradip Numaligarh Crude Oil Pipeline (PNCPL)

Amid concerns of COVID-19 and inclement weather, the Ground Breaking ceremony to kick start the pipeline laying activity of Paradip Numaligarh Crude Oil Pipeline Project (PNCPL) was held at Chainage-101, Basudevpur, Bhadrak, Odisha on 12-01-22 in the presence of MD NRL Mr S.K. Barua, Independent Director of NRL Board Mr Sudip Pradhan, and other senior officials of NRL, EIL and CIPL. The Paradeep Port will connect to the refineries in landlocked Assam by 2024, once imported Crude Oil starts flowing through the pipeline





## Inauguration of COIT & PNCPL Office, Paradip

NRL has taken an office space of around 5,000 sq. feet in the ground floor of Paradip Bhawan. The office was inaugurated by SCGM (Project), Mr. A P Chakravorty in presence of CGM (Project) Mr. G K Borah and other senior officials of NRL on 17-02-22.



## Inauguration of Project Pipeline Office, Siliguri

Project pipeline office was inaugurated at CT Centre, Siliguri by SCGM (Project), Mr. A P Chakravorty in presence of CGM (Project) Mr. G K Borah and other senior officials of NRL on 20-02-22.



## Go Live of SAP S/4 HANA

- ***NRL becomes first Oil and Gas PSU and first downstream company to migrate to this latest suite of SAP applications***

Our company has been a frontrunner in adopting digital technology from the very inception. NR was the first among the oil and Gas CPSEs to implement ERP Solution of M/s Ramco Systems for integrating business functions of the company way back in the year 1998.

The company subsequently migrated to SAP systems with

implementation of SAP R/3 4.7 ERP suite in August 2005 to cater to the new business processes as well as upgrading the existing processes and also to get the synergistic benefit with the other Group Companies - BPCL and KRL (now BPCL). The NRL SAP System was upgraded to a new version SAP ECC 6.0 ERP in March 2011 along with SAP Enterprise Portal implementation.

## Inaugurations and launches



*HANA Go-Live testing in progress on the eve of launch*

Taking it further, NRL has now successfully upgraded and migrated Enterprise Resource Planning (ERP) system from SAP ECC 6.0 to the latest SAP S/4 HANA. This up-gradation is part of steps towards wide Digital Transformation journey of the organization. With this step, NRL becomes the first PSU Oil & Gas company in India to migrate their ERP system to S/4 HANA and the first in the downstream

sector. The Go Live function was virtually on 07-02-22.

SAP S/4 HANA is powered by the high speed In Memory HANA database. It simplifies the data structure and brings in together the OLAP and OLTP and helps for faster transactions with embedded analytics helping quick decision making capabilities. S/4HANA provides a very user friendly interface that is seamless across all devices and brings in the leading Oil&Gas industry practices that global companies use. With the implementation of additional functionalities like Financial Closing Cockpit that centralises and makes month end closing seamless and faster, Contract Lease Management for full compliance with IndAS116 accounting standard requirements around lease accounting and in- built Fiori features etc we have enhanced our functional capabilities to keep up with the refinery expansion and foraying into newer businesses.

Our implementation partner on this journey has been SAP India Services. They brought in the best-in-class Global Industry and domain experts along with the technical expertise. The Project was managed and delivered 100% remotely and on time and on budget.

## Events and Observations

### 73<sup>rd</sup> Republic Day



*Hoisting of the National tri-colour by MD Mr. S K Barua*



*DT Mr. B J Phukan paying homage to martyrs of India's freedom struggle*



*Inspection of the ceremonial guard of honour by MD Mr. S K Barua*

NRL commemorated the 73<sup>rd</sup> Republic Day of the nation in a befitting manner. MD NRL Mr. S K Barua hosted the National tri-colour at Numaligarh and paid homage to the martyrs of the armed forces. He also inspected the ceremonial guard & honour.



## International Women's Day

International Women's Day (IWD) 2022 was organised by the Forum of Women in Public Sector (WIPS) NRL Chapter in a grand manner and with a great deal of enthusiasm in all locations of NRL. Women employees, contract staff, trainees and apprentices participated in great numbers in all locations of the company. The theme for this year's celebration was 'Gender equality today for a sustainable tomorrow' with a catchy campaign tagline of 'Break The Bias'

### At Numaligarh

IWD 2022 celebrations at Numaligarh commenced from 3<sup>rd</sup> March 2022 when WIPS NRL members visited 2 nearby villages in Morongi and Patkotiya area. Personal care items like liquid hand wash, sanitizers and surgical masks were distributed among women of the area. WIPS members interacted with the women to know about their struggles so that they could explore ways to help them.



On 7<sup>th</sup> March 2022, a street play (Baator Naat) was enacted on the theme of domestic violence by the students of Hemo Prova Borbora Girls College at NRL Township Gate as well as near Kanaighat market. The objective was to spread awareness about this evil that plague the society and about legal recourses to encounter it.



On the eve of International Women's Day, a felicitation program for COVID warriors was organized for the lady contract workforce of NRL and associates in two locations; one at Gunjan Hall, Admin Building for the contractual staff of the canteen and various other locations at the refinery and the next, at NRL Township Kunjabon premises for the VKNRL Hospital, DPS Numaligarh and Township workers.



On 8<sup>th</sup> March 2022, WIPS NRL collaborated with Hemo Prova Borbora Girls College, Golaghat to organize a session by Mrs. Yasmin Khan on 'Key concepts and concerns: Gender equity, equality and women empowerment'.



Thereafter, a program was held in the evening at Community Centre, NRL Township where Mrs. Anmona Borah, Retired Vice Principal of J B College spoke on, 'The significance of gender equality in the present day context'. The function was graced by Ms. Neha Yadav, SDO Civil, Bokakhat and Ms. Anita Hazarika, SDO (Sadar) Golaghat,



MD I/C NRL Mr. B J Phukan, DF Mr. I Mittra, senior officials of NRL along with WIPS members. This was followed by a cultural event in which lady members of DPS Numaligarh, VKNRL Hospital and CISF members performed apart from WIPS NRL Chapter members. The celebration came to an end with a celebratory dinner.

### At Guwahati

At NRL's Corporate Office in Guwahati, noted TV and Media personality Ms. Mainee Mahanta and Sr. Advocate, Gauhati High Court Ms. Millie Hazarika addressed the women employees, contractual staff, apprentices and interns.

Ms. Mahanta shared snippets from the history of mankind on how women had to fight for their rights at every step

of their journey. She also dwelt on the status of women in North East India, where they have traditionally been empowered, respected and enjoy social status.



Ms. Hazarika shared her experiences in the past four decades in the legal profession and the challenges she faced while pursuing her career due to preset stereotypes.

## Webinar with SMT/ West Bengal based Business Partners

A Webinar with SMT/ West Bengal based NRL Business Partners was organised by Commercial Deptt. on 17-02-22. More than 60 vendors took part in the webinar: GM (SMT) Mr. Manoj Kumar & CGM (Comml) Mr. Nalini Buragohain

apprised the house about new business opportunities in NRL as it embarks on major projects. The Q & A session was lively and participants evinced interest in NRL's way of doing business and the way forward for the Company.

### CSR News

## Benu Misra Memorial NRL Award presented to Rabiram Brahma and Montu Das

The Benu Misra Memorial NRL Award 2022 was presented to veteran visual artist of the state Shri Rabiram Brahma and upcoming artist Shri Montu Das at a function held in Vivekananda Kendra, Uzan Bazar, Guwahati on 06-03-22. The Award carries a citation, a trophy and a cash reward of Rs. 1.5 Lakh each and it is supported by NRL as

part of its Corporate Social Responsibility program, which among others lays emphasis on the promotion of Art and Culture. The Award has been instituted by the Gauhati Artists' Guild in the name of one of the most accomplished visual artists of



the State, Late Benu Misra. The award seeks to recognize and honour eminent visual artists of the state in two categories, namely, in the veteran category for lifetime achievement as well as a promising upcoming artist.

Veteran Assamese actor Shri Nipon Goswami presided over the award function as Chief Guest while well-known film-maker Gautam Bora and DGM (Corp.Comm) NRL, Ms. Madhuchanda Adhikari were present at the function as the guests of honour.

## CSR News in Pictures



Inauguration of 250 LPH capacity drinking water facility at Dhekiakhuwa Namghor premises under CSR Project Jeevandhara by MD S.K.Barua on 27-01-2022



Inauguration of newly constructed Energy Lab at Jorhat Engineering College on 13<sup>th</sup> March 2022 by MD I/C Mr. B J Phukan



Conducting free eye screening cum cataract surgery camp at Ganakpukhuri High School on 27<sup>th</sup> March 2022 under project 'Drishti'



Handing over of Tractor to Rajabari Village Development Committee on 29<sup>th</sup> March 2022



Handing over AC Ambulance to Ponka Sapta Swahid Public Health Centre on 25<sup>th</sup> March 2022

## CSR News



Inauguration of Village Drinking water ATM plant at Telgaram on 29<sup>th</sup> March 2022



Handing over of Sewing machine among the PWDs in association with Swabalambi (NGO) on 5<sup>th</sup> March 2022



Entrepreneurship Development program on Candle Making started at Rongbong Village

## Fire &amp; Safety Snippets

### National Road Safety Month was observed from 18<sup>th</sup> January 2022 to 17<sup>th</sup> February 2022.

#### Activities carried out by Fire & Safety Department during Road Safety Month

- Online Road Safety quiz conducted on 28<sup>th</sup> January 2022.
- Slogan competition for employees and contract workers was conducted during this month.
- Poster competition for children of NRL employees was also organized during this month.
- ESA-2022 as per MSIHC Rules was carried out by QSS India Limited from 31<sup>st</sup> January to 2<sup>nd</sup> February 2022.
- Induction training for newly recruited Graduate Engineer Trainees conducted on 7<sup>th</sup> and 8<sup>th</sup> February 2022. **(Photo 1 & 2)**
- Internal Safety Audit of Refinery was carried out from 21<sup>st</sup> to 24<sup>th</sup> February 2022 and of Siliguri Marketing Terminal from 1<sup>st</sup> to 3<sup>rd</sup> March 2022. **(Photo 3)**
- Safety awareness survey was carried out by National Safety Council from 28<sup>th</sup> February 2022 to 2<sup>nd</sup> March 2022.
- 51<sup>st</sup> National Safety Week was celebrated from 4<sup>th</sup> March-10<sup>th</sup> March 2022. The theme of this year was "Nurture Young minds develop safety culture".

#### Activities carried out by Fire & Safety Department during Safety Week

- On the spot quiz conducted on 4<sup>th</sup> March 2022 at various control rooms.

- Display of PPE at Refinery Second gate on 7<sup>th</sup> March 2022. **(Photo 4)**
- Awareness program on clean agent at CCR carried out on 7<sup>th</sup> March 2022.
- Virtual Reality Training module launched on 7<sup>th</sup> March 2022 in presence of CGM (Maintenance) and CGM (TS).
- Awareness program conducted at VKNRL School of Nursing on 7<sup>th</sup> March 2022. **(Photo 5)**
- Awareness program conducted at Delhi Public School, Numaligarh on 8<sup>th</sup> March 2022. **(Photo 6)**
- Crossword competition conducted for Employees on 8<sup>th</sup> March 2022.
- Demonstration of work at height safety at project site conducted by Karam on 8<sup>th</sup> March 2022. **(Photo 7)**
- Online Safety Quiz conducted on 9<sup>th</sup> March 2022.
- POL driver training conducted on 9<sup>th</sup> March 2022 in NRMT. **(Photo 8, 9 & 10)**
- Eye check-up camp for POL Drivers at NRMT organized on 10<sup>th</sup> March 2022. **(Photo 11)**
- Industrial Hygiene survey carried out from 7<sup>th</sup> March to 10<sup>th</sup> March 2022. **(Photo 12)**
- PSM Familiarization training to NRL officers from 7<sup>th</sup> March to 10<sup>th</sup> March 2022.
- One major cum onsite disaster mock drill was conducted at OM&S on 2<sup>nd</sup> February 2022.





## MoPNG News

## Auto Fuel Vision and Policy-2025

Government has taken a series of measures to enhance energy security and improve efficiency in use of energy for sustainability.

The Minister of State for Petroleum and Natural Gas, Shri Rameswar Teli informed that the Government has taken a series of measures to enhance energy security and improve efficiency in use of energy for sustainability. These inter alia include diversification in sources of imports, promotion of alternate fuels, increasing production of oil and gas, substitution of energy demand, improving refinery processes, notification of fuel efficiency norms, etc. Government has been promoting the use of biofuels with multiple objectives of reducing import dependency, generating employment, providing better remuneration to farmers, reduction in environment pollution, etc. in line with the National Policy on Biofuels 2018.

Various long term and short term policy initiatives have been taken to increase production of domestic oil and gas which inter alia include Discovered Small Field Policy, Hydrocarbon Exploration and Licensing Policy, Policy framework for coal

bed methane, etc. Further, Government has also provided functional freedom to National Oil Companies and facilitated wider private sector participation by streamlining approval processes including electronic single window mechanism.

Auto Fuel Vision and Policy-2025 had recommended the implementation of BS-IV emission norms from 01.04.2017, BS-V emission norms in respect of new vehicles from 01.04.2020 and existing models from 01.04.2021 and BS-VI emission norms from 2024. However, Government had leapfrogged to BS-VI emission norms (directly from BS-IV) in April 2020.

The improvement in the fuel quality from BS-IV to BS-VI was achieved by reducing the sulphur content from 50 Parts Per Million (ppm) in BS-IV to maximum 10 ppm in BS-VI compliant fuel. This has facilitated the development of upgraded / improved engine technologies such as introduction of advanced emission control system, installation of catalytic convertor or diesel particulate filters to reduce particulate matter and selective catalyst reduction systems for reduction in Nitrogen Oxides emissions in BS-VI compatible vehicles.

## Sports Corner

## NRL Hosts 40<sup>th</sup> PSPB Lawn Tennis Tournament 2021-22

Our Company successfully hosted the 40<sup>th</sup> PSPB Lawn Tennis Tournament from 27th-31st March, 2022 at the All Assam Tennis Association (AATA), Chachal Complex Guwahati. The Tournament was inaugurated by the Vice-Chancellor of Assam Skill University Mr. Subash Chandra Das, IAS (Retd.) in presence of Mr. Bhaskar Jyoti Phukan, Director Technical & MD I/c NRL; Mr. Indranil Mittra, Director (Finance) NRL; Mr. Ankush Dutta, Hony. Secretary of AATA; Organizing Committee and the participating teams.

In his inauguration speech Mr. Subash Chandra Das emphasized on the efforts of the Oil Industry in promoting Tennis in the region. Mr. Bhaskar Jyoti Phukan welcomed all the players and thanked the AATA for providing the facilities for the Tournament. He said that the PSPB is a platform where young as well as senior veteran players can come, participate and network. He also maintained that NRL along with other oil PSUs were actively promoting sports in all aspects.

A total of seven teams viz. BPCL, CPCL, HPCL, IOCL, OIL, ONGC & hosts NRL represented by around 50 players and coaches participated in the tournament. The tournament witnessed thrilling matches between the participating teams. The tournament was namely divided into seven categories i.e. Men's team, Veteran's team, Men's singles, Women's singles, Veteran singles, Men's doubles and Veteran doubles.

Team NRL represented by Mr. Pratul Saikia, Mr. Jayanta Dutta, & Mr. Bubuljyoti Das were adjudged 2<sup>nd</sup> runners-up in Veteran's team. Mr. Bubuljyoti Das was the runner-up in Veteran's singles and Mr. Pratul Saikia & Mr. Jayanta Dutta were the runners-up in the Veteran's Doubles category.

Mr. Yuki Bhambri of ONGC was adjudged the Player of the Tournament (Men) and Ms. Riya Bhatia of IOCL was the Player of the Tournament (Women) while Mr. S. Venkatesh was the Player of the Tournament (Veteran) & Mr. Chirag Duhan of IOCL was the Young Player of the Tournament.

The closing function of the Tournament was held on 31st March, 2022. Mr. Nibedan Das Patowary, Director of Sports and Youth Welfare Department, Govt. of Assam was the Chief Guest. Also present were Mr. Kajal Saikia, GM (HR I/c), NRL; and Mr. Ankush Dutta, Hony. Secreatry, AATA

amongst others. The tournament ended on a high note with all participants carrying wonderful memories and bonds formed during the tournament.

### List of winners in various categories:

|    |                                    |                           |      |                                                                                              |
|----|------------------------------------|---------------------------|------|----------------------------------------------------------------------------------------------|
| 1  | Men's Team                         | Winner                    | ONGC | Yuki Bhambri, Vishnu Vardhan, V.M. Ranjeet                                                   |
|    |                                    | Runner-up                 | IOCL | Divij Sharan, Ramkumar Ramanathan, Chirag Duhan, Rushmi Chakravarthi (Manager)               |
|    |                                    | 2 <sup>nd</sup> Runner-up | OIL  | Lokrak Nilling, Anshumn Dutta, Chandra Sekhar Mohanty, Udit Gogoi, Vivek Brahma              |
| 2  | Veteran's team                     | Winner                    | OIL  | Hekim Ali, Dr. Siddharth Deori Bharali, Ashim Kr. Bharali, Jayanta Kr. Malakar               |
|    |                                    | Runner-up                 | HPCL | Ratul Borah, K. Thirumurugan, C. Suresh Kumar, Debasish Chakraborty, Rashim Chawla (Manager) |
|    |                                    | 2 <sup>nd</sup> Runner-up | NRL  | Pratul Saikia, Jayanta Dutta, Bubuljyoti Das                                                 |
| 3  | Men's Singles                      | Winner                    | IOCL | Ramkumar Ramanathan                                                                          |
|    |                                    | Runner-up                 | ONGC | V.M. Ranjeet                                                                                 |
| 4  | Women's Singles                    | Winner                    | IOCL | Riya Bhatia                                                                                  |
|    |                                    | Runner-up                 | IOCL | Nidhi Chilumula                                                                              |
| 5  | Veteran's Singles                  | Winner                    | OIL  | Hekim Ali                                                                                    |
|    |                                    | Runner-up                 | NRL  | Bubuljyoti Das                                                                               |
| 6  | Men's Doubles                      | Winner                    | ONGC | Vishnu Vardhan & V.M. Ranjeet                                                                |
|    |                                    | Runner-up                 | IOCL | Ramkumar Ramathan, & Chirag Duhan                                                            |
| 7  | Veteran's Doubles                  | Winner                    | OIL  | Hekim Ali & Ashim Bharali                                                                    |
|    |                                    | Runner-up                 | NRL  | Pratul Saikia & Jayanta Dutta                                                                |
| 8  | Player of the Tournament (Men)     |                           | ONGC | Yuki Bhambri                                                                                 |
| 9  | Player of the Tournament (Veteran) |                           | IOCL | S. Venkatesh                                                                                 |
| 10 | Young Player                       |                           | IOCL | Chirag Duhan                                                                                 |
| 11 | Player of the Tournament (Women)   |                           | IOCL | Riya Bhatia                                                                                  |

## Glimpses of the Tournament



MD NRL Mr. Bhaskar Jyoti Phukan unfurls the Tournament Flag



Chief Guest Mr. Subhash Das speaks at the inauguration ceremony



Participating teams during the oath taking in the Inauguration ceremony



Riya Bhatia of IOCL - player of the tournament (Women)



Chirag Duhan of IOCL - best young player

## Sports Corner



Mr. Pratul Saikia and Mr. Jayanta Dutta of NRL receiving the runners-up trophy in Veteran's doubles category



Team OIL



Team NRL



Team ONGC

## Foorball Legend Baichung Bhutia visits NRL

Celebrated Indian football player, Padmashri, Arjuna Awardee and torchbearer of Indian football in the international arena Bhaichung Bhutia graced an exhibition friendly football match between NRL Football Academy (NRLFA), Numaligarh and Lamare Sports Club (LSC), Shillong at Kunjakanan – NRL Township playground on 14th March 2022 as Chief guest. Independent Directors of NRL Board, Mr. Gagann Jain and Mr. Sudip Pradhan were also present on the occasion.

Earlier, Mr. Bhutia interacted with the young players and coaches and encouraged them to put their best foot forward and take their game to the next level. He was impressed with the performance of all the players and extended his best wishes, while observing that the NRL football field was one of the best in the country.

In the keenly contested match, both the teams were locked 0-0 till the end of play. However, NRLFA won on penalties by 2-1.



Football legend Baichung Bhutia interacting with players of Lamare Sports Club, Shillong



Baichung Bhutia interacting with players of NRL Football Academy, Numaligarh



Winners trophy being presented by Baichung Bhutia to captain of winning team – NRL Football Academy in the presence of NRL Independent Directors Gagann Jain (left) and Sudip Pradhan (2<sup>nd</sup> from right)



**Biplob Gope**, Manager (DCU) bagged the second prize (under best unrated players) in the PSPB Inter Unit Chess Tournament 2021-22 hosted by BPCL from 6 – 12 March 2022 at Mumbai.

### DT takes additional charge as MD NRL

**Mr. Bhaskar Jyoti Phukan**, Director (Technical) NRL has taken over the additional charge of Managing Director, Numaligarh Refinery Limited, for a period of three months w.e.f. 1st February, 2022 or till the appointment of a regular incumbent to the post or till further directions.

Chairman NRL and CMD OIL Mr. S C Mishra felicitated MD I/C NRL Mr. B J Phukan at the first Board Meeting of NRL after taking charge additional charge as MD in New Delhi on 08-02-22 in presence of other Board members including Independent Directors.



Director (Technical) Mr. B J Phukan being felicitated by Chairman Mr. S C Mishra on taking over additional charge



### New CVO joins

**Mr. Anant Kumar Singh**, IPS, CVO of Oil India Limited, has assumed additional Charge of Chief Vigilance Officer, NRL with effect from 7<sup>th</sup> January 22. Mr. Singh is a 1994 batch Indian Police Service Officer of Madhya Pradesh Cadre in the rank of Additional Director General (ADG). He holds a bachelor's degree in Mining Engineering from IIT (ISM), Dhanbad. He has served as District SP in six districts in MP which includes Bhopal & Jabalpur and also served as zonal IG at Jabalpur. He has worked in Intelligence and Planning branch of Police and Lokayukta Sangathan of MP Govt. On deputation to Govt of India, he has worked as DIG & IG in CISF. He is recipient of Police Medal for Gallantry, Police Medal for Meritorious Service & President's Police Medal for Distinguished Service.

Mr. Singh visited Refinery site on 3<sup>rd</sup> March'2022 and presided over a meeting with senior officials of Refinery. A presentation on refinery operation was given by Technical Services Deptt. CGM(Ops), Mr. Gopal Sarma explained to him about the various refinery processes of different units during his refinery visit.

On 4<sup>th</sup> March'2022, he visited NRL Corporate Office, Guwahati. He attended a meeting with senior officials of NRL. The meeting was also attended by Director (Technical) & MD I/C Mr. B J Phukan and Director (Finance), Mr. I Mittra. A presentation on Refinery Expansion was made by Project Department.



CVO Mr. Anant Kumar Singh being welcome at Corporate Office, Guwahati by MD I/C Mr. B J Phukan



CVO Mr. A K Singh being welcomed at Refinery location

## NRL bids adieu to MD Mr. S K Barua



Chairman Mr. S C Mishra handing felicitating MD Mr. S K Barua at the farewell meeting held at Corporate Office

MD Mr. S K Barua superannuated from the services of the Company on 31<sup>st</sup> January 2022. NRL family bade him goodbye with farewell functions organized by different entities, departments and locations.

At the Corporate office in Guwahati, farewell meeting was held on 31<sup>st</sup> January 2022 where employees recalled the immense contribution of Mr. S K Barua in the growth and progress of the company as one of its pioneering members. Speakers also shared interesting and inspiring anecdotes on his visionary leadership as MD NRL.

The meeting was attended by Chairman NRL and CMD OIL Mr. S C Mishra, Director ( Operations) OIL Mr. P K Goswami, DT NRL Mr. B J Phukan, DF NRL Mr. I Mitra and employees of NRL Corporate Office.



Director (Technical) Mr. B J Phukan handing over the parting memento



Warm send off at BPCL Corporate Office, Mumbai by Chairman BPCL Mr. Arun Kumar Singh



MD Mr. S K Barua being felicitated at the last Functional Coordination Meeting chaired by him at Numaligarh on 29-01-22



NRL Ladies join in at the evening farewell function at Guwahati graced by First Lady Ms. Neelakshi Barua

## Farewell to MD

*A warm farewell was accorded to MD NRL Mr. S K Barua by NRL Delhi office.*



## Superannuations

**Mr. H K Sarmah**, Company Secretary, superannuated from the services of the Company on 31<sup>st</sup> January 2022. Being He was given a warm send off along with MD Mr. S K Barua at the Corporate Office, Guwahati .Mr. Sarmah has been a pillar and benchmark of good corporate governance professional. Also a pioneering member of the NRL family who joined NRL in 1993, the year that the Company was incorporated and has immense contribution towards NRL.



*Chairman NRL Mr. S C Mishra felicitating Mr. H K Sarmah at the farewell function held in Corporate Office, Guwahati*

**Mr. A P Chakravorty**, Sr.CGM(Projects) superannuated from the services of the Company on 28<sup>th</sup> February 2022. He was given a warm send off at Numaligarh and other Project locations. Mr. Chakravorty joined NRL in May 1998 and worked in various capacities in different departments including Electrical Mtce, Commercial and Projects.

He was given a warm send off at the Conference hall of Admin Building at Numaligarh where senior officers recalled with gratitude his immense contribution towards the Company.



*DF Mr I Mittra felicitating Mr. A P Chakravorty in the farewell function held in his honour*



*A group picture to mark the occasion*

## Superannuations



**Mr. Kapil Medhi**, SM (Environment) retired from the services of the Company on 31-01-22. He was given a warm send off by Technical Services Deptt. Mr. Medhi joined NRL in January, 1998 and served in various departments, where his contributions were recalled by all concerned at the farewell meet.



**Mr. Purna N. Das**, SM (CSR) superannuated from the services of the Company on 28-02-22. HR Deptt extended a warm send off to him.

**Mr. Ghana Borah**, Technical Assistant – Electrical retired from the services of the Company on 28-02-22. He was accorded a farewell by Electrical Deptt. Mr. Bora joined NRL in the year 2000 and has extended his invaluable service to NRL ever since.



## Accomplishments



SM (IM - Refinery) Chinmoy Deka and AM (Ops-ASPU) Diganta Kumar Bora being felicitated by MD I/C Mr. B J Phukan for their suggestion on 'Empty Tray Detection System at ASPU' under 'Be the Change' employee suggestion scheme at the FCM held on 8<sup>th</sup> March 2022 and gift cheques in line with the scheme were handed over to them.



SM (MSP Ops) Gaurav Joardar, SM (MSP Ops) Mritunjoy Khound, AM (MSP Ops) Abhijit Deb Roy, O (MSP Ops) Swarupjyoti Hazarika, O (MSP Ops) Nishant Modhu Koillya were felicitated by MD I/C Mr. B J Phukan at the FCM on 8<sup>th</sup> March 2022 for their extra ordinary handling of CRU feed pump trip situation on 23<sup>rd</sup> December 2021.

*Hearty Congratulations!*

## New members of the NRL family

NRL family is growing in leaps and bounds. We are happy to welcome the following new employees who joined us during Jan – March 2022 and wish them a wonderful career with NRL.

### Trainees

| Sl. No. | Emp Name                     | Designation                   |
|---------|------------------------------|-------------------------------|
| 1       | Praveen Lal                  | ASST. OFFICER (COMML) TRAINEE |
| 2       | Dyavanapelly Madhu Kiran     | ASST. OFFICER (COMML) TRAINEE |
| 3       | Pranay Kumar Sinha           | GET (COMP SC)                 |
| 4       | Padmakshi Mazumder           | GET (COMP SC)                 |
| 5       | Muhammad Kasim               | GET (COMP SC)                 |
| 6       | HEMANTI PEGU                 | GET (COMP SC)                 |
| 7       | Amit Kumar Mishra            | GET (ELECTRICAL )             |
| 8       | Dhiraj Nath                  | GET (ELECTRICAL )             |
| 9       | Priyobrot Das                | GET (ELECTRICAL )             |
| 10      | Debajit Roy                  | GET (ELECTRICAL )             |
| 11      | Japhungshar Brahma           | GET (ELECTRICAL )             |
| 12      | Abhishek Agarwal             | GET (ELECTRICAL)              |
| 13      | Deepayan Gope                | GET (ELECTRICAL)              |
| 14      | Sayantan Roy                 | GET (ELECTRICAL)              |
| 15      | Bankim Saikia                | GET (INSTRU)                  |
| 16      | Swati Kumari                 | GET (INSTRU)                  |
| 17      | Amlanjyoti Borah             | GET (INSTRU)                  |
| 18      | Amlan Protim Hazarika        | GET (INSTRU)                  |
| 19      | Anukul Sikder                | GET (INSTRU)                  |
| 20      | Kangkan Das                  | GET (INSTRU)                  |
| 21      | Kaishop Jyoti Saikia Sonowal | GET (INSTRU)                  |
| 22      | VIMAL KUMAR                  | GET (INSTRU)                  |
| 23      | Harshu Sahu                  | GET (INSTRU)                  |
| 24      | Abhishek Singh               | GET (MECH)                    |
| 25      | Gaurav Mishra                | GET (MECH)                    |
| 26      | Vishal Prajapati             | GET (MECH)                    |
| 27      | Alok Singh                   | GET (MECH)                    |
| 28      | Narendra Singh               | GET (MECH)                    |
| 29      | Hirok Jyoti Patir            | GET (MECH)                    |
| 30      | Kshounish Brahma             | GET (MECH)                    |
| 31      | Aneesh Paul                  | GET (MECH)                    |

|    |                         |                  |
|----|-------------------------|------------------|
| 32 | Jyotishman Phukan       | GET (MECH)       |
| 33 | Priyanshu               | GET (MECH)       |
| 34 | Partha Protim Gogoi     | GET (MECH)       |
| 35 | Jibesh Chandra Das      | GET (MECH)       |
| 36 | Vikas Choudhary         | GET (MECH)       |
| 37 | Pranshu Srivastava      | GET (MECH)       |
| 38 | Rituraj Saikia          | GET (MECH)       |
| 39 | Pramod Kumar            | GET (MECH)       |
| 40 | Shiv Kumar              | GET (MECH)       |
| 41 | Aditya Kumar            | GET (MECH)       |
| 42 | Mukund Pilania          | GET (METALLURGY) |
| 43 | Sachin Vaishya          | GET(CHEMICAL)    |
| 44 | Asako Demesa Ch. Sangma | GET(CHEMICAL)    |
| 45 | Ankit Singh             | GET(CHEMICAL)    |
| 46 | Abhay Shukla            | GET(CHEMICAL)    |
| 47 | HIMANGSHU SHEKHAR DAS   | GET(CHEMICAL)    |
| 48 | Vignesh C G             | GET(CHEMICAL)    |
| 49 | Sanket Devidas Chafle   | GET(CHEMICAL)    |
| 50 | Suraj Verma             | GET(CHEMICAL)    |
| 51 | Parmita Roy             | GET(CHEMICAL)    |
| 52 | Angita Roy              | GET(CHEMICAL)    |
| 53 | Parthapratim Goswami    | GET(CIVIL)       |
| 54 | Jukti Nath Das          | GET(CIVIL)       |
| 55 | Bikash Pratim Borah     | GET(CIVIL)       |
| 56 | Goutom Borpatra         | GET(CIVIL)       |
| 57 | Partha Protim Das       | GET(CIVIL)       |

### Direct recruits

| Sl.No | Emp Name          | Designation                      |
|-------|-------------------|----------------------------------|
| 1     | Siba Prasad Borah | DY. GENERAL MANAGER (TECH-NICAL) |
| 2     | Sidharth Agarwal  | OFFICER (FINANCE)                |
| 3     | Ankit Jain        | ASST. ACCOUNTS OFFICER           |
| 4     | Parul Amin Laskar | ASST. ACCOUNTS OFFICER           |

# From the Archives



Visit to the NRL Tourist Spot

## Thai Ambassador visits NRL Corporate office

His Excellency, Mr. Pisan Manasakul, Hon'ble Ambassador of the Royal Kingdom of Thailand visited NRL Corporate office at Guwahati on 07-08-2011 as part of his trip to the region for exploring investment opportunities in Assam and the North East. He was accompanied by Mr. Samant Tangulrat, Minister Counselor, Royal Thai Embassy, New Delhi and Mr. Parinthon Agatayant, First Secretary, Royal Thai Embassy, New Delhi.

A detailed presentation covering various facets of NRL was made by NRL officials to His Excellency, which was followed by the signing of the MoU, Corporate form. In depth deliberations on the possible areas of collaboration in the oil sector were held where valuable inputs and information were exchanged between the Thai embassy officials and the NRL. The delegation was led by Mr. (Mr. CPABD), Mr. A. K. Bhattacharya.

In the visitor's book, His Excellency commended the NRL for its contribution to the people in the area and expressed his appreciation for the opportunity to visit and to be informed about NRL activities. Highly impressed by its state-of-the-art facilities, he expressed his desire to visit the refinery.



His Excellency, Mr. Pisan Manasakul, Ambassador of the Royal Kingdom of Thailand interacting with NRL officials at Guwahati on 07-08-2011.

His Excellency, Mr. Pisan Manasakul, Ambassador of the Royal Kingdom of Thailand expressed his appreciation for the opportunity to visit and to be informed about NRL activities. Highly impressed by its state-of-the-art facilities, he expressed his desire to visit the refinery.

| Sl. No. | Name                    | Designation             | Signature | Date       |
|---------|-------------------------|-------------------------|-----------|------------|
| 1       | Mr. Pisan Manasakul     | Ambassador              |           | 08/08/2011 |
| 2       | Mr. Samant Tangulrat    | Minister Counselor      |           | 08/08/2011 |
| 3       | Mr. Parinthon Agatayant | First Secretary         |           | 08/08/2011 |
| 4       | Mr. A. K. Bhattacharya  | General Manager         |           | 08/08/2011 |
| 5       | Mr. (Mr. CPABD)         | Chief Executive Officer |           | 08/08/2011 |
| 6       | Mr. (Mr. CPABD)         | Chief Executive Officer |           | 08/08/2011 |
| 7       | Mr. (Mr. CPABD)         | Chief Executive Officer |           | 08/08/2011 |
| 8       | Mr. (Mr. CPABD)         | Chief Executive Officer |           | 08/08/2011 |
| 9       | Mr. (Mr. CPABD)         | Chief Executive Officer |           | 08/08/2011 |
| 10      | Mr. (Mr. CPABD)         | Chief Executive Officer |           | 08/08/2011 |

## World Environment Day at NRL

Along with the rest of the country and the world, NRL observed World Environment Day (WED), 2011 on 5th June 2011 in a befitting manner. WED is a powerful medium through which the United Nations fosters worldwide awareness on preservation and protection of environment. As it is fun up to the celebration of the day, a week long program involving numerous activities in consonance with the objective of 'raising awareness on environment conservation and related issues' was organized. The activities and functions involved NRL employees, contract workers, local people, CSF personnel and other NRL associates. The theme of this year's World Environment Day was 'Forests-Nature at Your Service'. Accordingly, attractive and eye catching banners reflecting the theme were displayed at strategic locations in and around the refinery.

An awareness program was organized in the morning hours of 31st May 11 at Pankajon Girls High School, Managhat for the benefit of the students of nearby schools in which the activities / steps undertaken by NRL to preserve and protect the environment were discussed. The program also included a speech competition which was followed by an environmental quiz session. The topic of the speech competition was - 'Responsibility of individuals towards protection of Forests & Nature'. Around 250 students & teachers from around 10 schools of greater Numaligarh area attended the program. The quiz competition was organized by Mr. (Mr. CPABD) and Mr. P. N. Das from Environment Section, NRL.



Flag hoisting by Mr. P. N. Das



Group photo of the staff and visitors

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

This is the 2<sup>nd</sup> in the series of articles on the title authored by former MD NRL, Dr. Bhupati Kumar Das.

### Part II

1. In part 1, we saw that we need a different kind of leadership to manage a world facing monumental challenges in environment and society due to the extreme adverse impact and influence of (a) exponential growth of technology (the world is getting scarier), (b) increasing level of wealth inequality (unsustainable turmoil in society) and (c) greenhouse gas emissions, global warming and climate change (invasion of global warming impacted refugees from coastal areas of the world). We need transformational leadership, a leadership that can handle the challenges of a chaotic society and an unstable environment and bring growth, order and equity through transformation and adaptation.

#### 2. What is then transformational leadership?

- Transformational leadership is all about creating results with clarity, commitment and competence in an environment of uncertainty, ambiguity, complexity and change on the things you deeply care about, in the areas you are mostly dissatisfied about.
- Transformational leadership is evidenced when leaders and followers make each other advance to a higher level of performance, morality and motivation. Here, a leader works with his team-mates to identify needed change, creating a vision to guide the change through inspiration and executing the change with the team members.
- As Lesley Hayes, one of the top management thinker, asserts, a transformational leader leads himself and invites others to join in. He owns the *why* and let others own the *how*. His job is to listen and ask questions and to know when to stand tall and when to sit down.
- The western thought on transformational leadership originated towards the later part of 20<sup>th</sup> century. The term, transformational leadership was initially coined by James V Downtown, a concept further developed by leadership expert James MacGregor Burns (1978) and later expanded by Bernard M. Bass (1985) in *Bass' Transformational Leadership Theory*. They postulated

that 'through the strength of their vision and personality, transformational leaders are able to inspire followers to change expectations, perceptions and motivations to work towards common goal'.



Dr. B K Das

- The 4-Is model explains succinctly the components of transformational leadership. These are Idealised Influence (II), Inspirational Motivation (IM), Individualised Consideration (IC) and Intellectual Stimulation (IS). Idealised Influence (II) is all about being a role model, being able to walk the talk. Inspirational motivation refers to the capability of the leader to inspire and enhance the motivation, morale, and job performance of the followers by connecting the follower's sense of identity and self to a project and to the collective identity of the organisation. Individual consideration (IC) is about the leader's people skill stemming from a natural concern for the followers, understanding their needs and expectations and also their strength and weaknesses. Intellectual Stimulation (IS) is about challenging the followers to take greater ownership for their work thereby allowing the leader to align followers with tasks than enhance their performance.
- Though western thought on transformational leadership is of fairly recent origin, our scriptures had given this prescription more than 5000 years ago to deal with situations that we face in the present day chaotic world. In chapter 16, slokas 1-3, of Bhagavad Gita, 26 qualities of a transformational leader had been specifically outlined like Abhyam (Fearlessness, courage of conviction), Tapasa (focus), Swadhana (Self learning), Yoga (Skilful execution), Jnana (Knowledge), Akrodhah (Absence of anger), Tyag (Selflessness), Santih (Tranquility), Daya (Considerate), Kshma (Forgiveness) etc. As I say, we need not have Krishna anymore, all our anxieties and questions had already been voiced through the mouth of Arjuna and Krishna had provided the solutions through his answers. So,

if you are the owner of these 26 qualities, you have the potential to be a transformational leader. It is not hard to fathom why fearlessness sits on top of the transformational leader's quality-basket as without courage of conviction, nothing permanent can be achieved.

### 3. Vision:

It is imperative that the transformational leader has a clear **vision**. He needs to constantly keep **clarifying** the results he wants to create – Lesley Hays' prescription of owning 'why'. This is key so as to avoid falling into the black swan syndrome as Nassim Nicholas Taleb described in his book, 'The Black Swan: The Impact of the Highly Improbable'. Many say vision is the ability to see invisibles. The only thing which is worse than blindness is to have a sight without vision. Simply put, vision is the expression of your aspirations. The chemistry is: aspiration leads to inspiration, inspiration leads to perspiration, perspiration leads to creation of results. The tool or mechanics is the 4Ds – Discovery, Dream, Design and Destiny. **You visualize then you realize.**

The three prerequisites for this as management guru C. K. Prahalad once enunciated are:

- Your aspirations should be much more than your current resources.
- The discovery of folding your future into present rather than extrapolating the present, and
- It should be based on **next** practices, not **best** practices.

### 4. Motivation:

Motivation including self-motivation is extremely important in this leadership process. The power of motivation in achieving results can be seen through the examples of Erik Weihenmayer, the blind mountaineer, who declared after climbing Mount Everest, '*I am born without eyesight but I live with foresight and insight*' and Warren McDonald, the adventure sports enthusiast who climbed, even after his legs were amputated after a climbing accident, the peak, **Mount Kilimanjaro** of Africa, vertical cliff **El Capitan** of US and the Weeping **Wall** of Canada. It is difficult to imagine a fully-fit athlete-mountaineer to climb these peaks, but for a legless mountaineer to achieve such an impossible feat is truly what makes a story to tell.

### 5. Theme: Anyone can lead from anywhere

- Transformational Leadership process is multilayered, multilevel, multidimensional and multifaceted. It creates conditions to enable exercising influence from any level in an enterprise, in a country, in society. It encourages leadership from below. It firmly believes that there is a leader in everyone though unfortunately, very often we suppress the leader and articulate the follower to be in the comfort zone.
- Ordinary people at individual levels have shown great leadership to bring awareness of important issues that afflict society and environment showing way to work towards mitigation. Jadav Payang, the *forest-man* from river island Majuli, Assam was not happy to see his native land converted to a sandy desert from environmental abuse; so, he planted a sapling everyday for 37 years to reclaim the land single-handedly into a flourishing forest.
- Dr Alok Sagar, an ex-IIT professor belonging to a cultured, educated, well-to-do family, left his comfortable life to live frugally with the *adivasis* in Madhya Pradesh; for 32 long years, he has been working in the Betul and Hoshangabad districts encouraging tribals to plant trees to save environment.
- Leadership from below can be best evidenced in the terrorist attack that happened on 24<sup>th</sup> November in Taj-mahal Palace Hotel in Mumbai. Not a single person in the 600 strong staff of tel-operators, cleaners, waiters, chefs etc left their posts on the face of grenade and AK-47 attack of the desperate terrorists and in fact was primarily instrumental in saving the guests. The case of Mumbai Dabbawalas can also be cited who continue to ensure delivery of lunch boxes **every day in time** without fail, come hail or high water, since 1890 at a meagre cost without ever having a single instance of strike or court case during its long history of existence.
- So, such cases of inspirational leadership have been happening even now. But these are isolated happening done more out of individual calling. Transformational leadership demands that through inspiration and motivation, these isolated incidents be converted into a movement so that people naturally start thinking this way – **the exception becomes the rule.**

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To be continued

## Affiliation of DNest with Racquet & Billiards Club, Guwahati

**D**Nest Club has entered into an affiliation agreement with Racquet & Billiards Club, Guwahati (R&B Club). Under this affiliation, all DNest members and their families would become members of R&B Club and avail all facilities that R&B Club has to offer like Swimming Pool, Tennis Courts, Restaurant, Snooker & Billiards, Outdoor lawn area for private parties, Bar etc. on use and pay basis. Rates charged would be the same as charged by R&B for their permanent members.



*An MOU was signed between R&B Management and President, DNest Mr. Pallab Das on 10<sup>th</sup> March, 2022.*

## DNest Annual Picnic

**T**he eagerly awaited DNest Annual Picnic was organized on the 2<sup>nd</sup> of January, 2022. Taking a welcome break from their regular routine, DNest family members enjoyed a fun-filled and thrilling day sailing on the pristine Luit on board Alfresco and also some Sun and Sand moments on one of its clean sand bars.



## Gifting candles made from NRL Wax to Catholic Church, Dispur

**C**arrying forward its social welfare objectives, DNest Club gifted 8 cartons of candles made from NRL Wax to Catholic Church, Dispur. The candles were received by Parish Priest Fr. Joby Abraham and other members of the Church on 11<sup>th</sup> February 2022.



*DNest Members handing over the candles to Fr Joby Abraham and other members of Church.*

## Inauguration of the Health Spa

**K**aliyani Club Spa Centre was inaugurated by MD, NRRL Mr. S K Barua on 26<sup>th</sup> January. The Spa Centre has facilities of Jacuzzi Spa (2 nos. / Dual), Sauna (2 nos.) and Steam Bath (2 nos). The center has been identified as a great place for leisure and relaxation.



## Farewell to Mr. S.K. Barua

**K**aliyani Club bade farewell to outgoing MD Mr. S. K. Barua who superannuated from the services of the company on 30<sup>th</sup> January. The Barua Family were given a spectacular welcome from their residence with an illuminated horse drawn tonga led by the KCEC members to the club entrance.

The formal function began with the welcome address by the President of the Club Mr. H K Nath and a classical dance performance by the ace Kathak dancer, Smt. Megharanjani Medhi. Mr. and Mrs. Barua were felicitated and presented tokens of love on behalf of the Club. Mr. Barua was also conferred with the Lifetime Membership Certificate from Kaliyani Club.

Artist Neelim Mahanta created a live portrait of Mr. Barua within a matter of 2 hours.

Several inhouse performances including Medly songs, poem recitation and a display of video messages from colleagues, friends and well wishers made the evening a memorable one. The event was followed by a dinner.





### Farewell to Mr. A. P. Chakravorty

On 24<sup>th</sup> February, Kaliyani Club gave a warm farewell to Mr. A. P. Chakravorty, Sr.CGM(Projects) on his superannuation from the services of the company. He was felicitated with a memento and also conferred with the 'Lifetime Membership of Kaliyani Club'. Mr. Chakravorty entertained the gathering with his signature baritone one last time with his evergreen voice. The program ended with dinner.



### Farewell to Mr. Prabir Kr. Talukdar

Kaliyani Club offered their best wishes to Mr. Prabir Kumar Talukdar, CGM(HR) who superannuated from the services of the Company on 31<sup>st</sup> March. Mr. and Mrs. Talukdar were warmly greeted with a token of love and a 'Lifetime Membership Certificate' of Kaliyani Club. The event was distinctive with a number of in-house performances like flute play, a song by the acting President and a number of other solo and group performances. The event was followed by a dinner.



### Mr. Kapil Medhi and Mr. Purna N. Das

On 27<sup>th</sup> January, Kaliyani Club gave a warm farewell to Mr. Kapil Medhi & Mr. Purna N. Das on their superannuation from the services of the company. They were felicitated with a memento and also conferred with the 'Lifetime Membership of Kaliyani Club'. Senior officials of NRL graced the occasion with their presence expressing their warm wishes and gratitude towards Mr. Medhi and Mr. Das. The outgoing duo and their spouses shared their experiences with the NRL family and expressed their gratitude. A small musical program, performed by in-

house talents was presented to commemorate the evening. The program ended with dinner.



## Tennis Ball Cricket Tournament 2022

The Kaliyani club tennis ball cricket tournament was held from 8<sup>th</sup> to 11<sup>th</sup> February at NRL Mini Playground. The Men's final was played between Giant Smashers and Game Swingers, where the Giant Smashers took over by 5 wickets under the captainship of Pantha Gaurab Baruah. The titles conferred were Man of the final match, Man of the series, Best Batsman of the Tournament, Best bowler of the tournament.



## Bachelor's Night

The bachelor members of Kaliyani Club celebrated the most awaited Bachelor's night with the theme 'Lollapalooza' - an archaic word meaning 'extraordinarily impressive'. Bachelors dived into a seemingly tropical escape with extraordinary décor, party games, lively music, setting trends, and some good taste.

The night was young, breezy and alive with the live performance of the band 'Empirical Tribe' from Shillong and DJ Mak made everyone shake a leg to his beats.



## Club News - **Rangchali Club**

### Rangchali Club welcomes Bhogali Bihu with fervour

Bhogali Bihu, the joyous harvest festival of Assam was celebrated on 13-01-2022 at the Club premises with traditional Meji Prajwalan which was flowed by serving of Bihu delicacies.



### Farewell to Mr. Prabir Kr. Talukdar

A warm and befitting farewell function was hosted by Rangchali Club in honour of Mr Prabir Kumar Talukder on 9<sup>th</sup> January in the club premises upon his superannuation from the company on 31<sup>st</sup> December 2021.



### Celebration of Silpi Divas

Rangchali club celebrated Shilpi Divas on 17<sup>th</sup> January at the club premises.



### Farewell to Mr. S K Barua

A warm and befitting farewell function was hosted by Rangchali club in honour of Mr S.K Barua on 30<sup>th</sup> January in the Club premises upon his superannuation from the company on 31<sup>st</sup> January.



### Saraswati Puja celebration

Rangchali Club members paid obeisance to the Goddess of learning on the occasion of Saraswati puja on 5<sup>th</sup> Feb.



### Seven a side day night tennis ball cricket tournament

Rangchali club organised seven a side tennis ball cricket tournament among the members from 18<sup>th</sup> to 27<sup>th</sup> Feb at the NRL Main Playground. Many teams joined in this tournament to make it grand success.



### Farewell to Mr. Ghana Bora

A warm and befitting farewell function was hosted by Rangchali club to Mr Ghana Bora on 9<sup>th</sup> March in the

club premises upon his superannuation from the company on 28<sup>th</sup> February.



## 73<sup>rd</sup> Republic Day celebrated

DPS Numaligarh celebrated its 73<sup>rd</sup> Republic Day with full patriotic fervour on 26<sup>th</sup> January, 2022 in the school premises. It was a short program where only the teaching and non-teaching staff were present due to the COVID-19 restrictions. Honourable Principal Mr U.C. Harbola unfurled the National Flag and everyone stood

up to sing the National Anthem. Ms Subhangini Dutta delivered a speech on the role of education to realize the importance of freedom. Finally, DPS Principal exhorted everyone to do their best for creating a strong nation with the collective effort of individuals.



## SARASWATI PUJA

On the auspicious day of Saraswati Puja, the faculty of DPSN came together to seek the blessings of the goddess of knowledge, music, art and culture. The entire DPSN family joined hands together with great zeal, evoking the blessings for a successful academic and career growth. The celebration came to an end by serving Prasad to everyone present.



## Au revoir MD Sir....

*This is not a goodbye, Sir, this is a thank you – Nicholas Sparks*

The evening of 26<sup>th</sup> January 2022 was extremely memorable and will be special. With a heavy heart, DPSN bid adieu to NRL MD, Mr S.K. Barua. Amidst COVID pandemic and following protocols, few students and teachers prepared a small cultural program to show the

MD NRL their love and respect for him. The program was also graced by dignitaries of NRL Director Technical Mr. B.J. Phukan, Director Finance Mr. I Mittra, PVC Mr Gopal Sharma and other top officials of NRL. The school also had the privilege of hosting Mrs Nilakshi Barua, first lady of NRL.



The program began with a Durga Stuti which was followed by an extravaganza of dance and music by members of the DPS family.

The beautiful evening came to an end with the presentation of a citation, saplings and a token of love to the invited guests.

## BHUMI PUJA

*Bhumi Puja* for the new Annex building of 22 classrooms of DPSN was carried out on 27<sup>th</sup> January 2022 at the DPSN senior complex. The honours were carried out by MD NRL Mr. S.K. Barua in presence of senior officials of NRL and Principal and Staff of DPS Numaligarh.



## ACODS 2022

**A**dvanes in Control and Optimization of Dynamical Systems or ACODS 2022 was organised by NIT Silchar in collaboration with IIT Guwahati from February 22 to 25, 2022. The aim of ACODS 2022 was to bring together the international community of researchers and practitioners from academia, industry, and research laboratories to disseminate new developments and advances in control and optimization of dynamical systems. Multiple workshops and competitions were held which were mostly for university graduates and undergraduates. A Line-Following-Robot-Making competition was held for schools having ATL Labs. Students from classes 8-12 were eligible. The team comprising of Abhinava Kalita (10-A) and Abhinab Shreyam Kalita (10-B) won the second prize in the contest.



## Sayonara CLASS XII!!!

**T**he evening of 5<sup>th</sup> March 2022 saw the young ladies and gentlemen of the batch of 2021-2022 walking into the school premises. The students of Class XI along with their teachers and staff, gathered to bid farewell to the outgoing Class XII batch. The day was a fiesta devoted to the years spent together with friends and teachers to reminisce the joyous moments. Principal, U.C. Harbola's addressed the outgoing batch that was a motivational and empowering one which geared everyone up for the rest of the event. Thereafter, a few teachers spoke and took everyone down the memory lane. The Head Girl, The Head Boy, The Sports Captain, Cultural Secretary and several other students spoke their hearts out, recalling their good old days in the junior school



and their world of memories woven in senior school. The special guests for the day were showered with a one-liner along with their respectively titled sashes. To overcome the rollercoaster of emotions, a marvelous cake was

cut to embrace the new journey that awaits and unfolds before the students. The Blessing Ceremony ended with a couple of programs put up by the students of Class XI and a community feast.

## Vaccination Drive in School

DPSN administered its first shot of COVID-19 vaccines to its students in the age group 12-14 years on 25th March 2022. The school administration followed all the preventive protocols required, including proper sanitization and social distancing norms during the vaccination drive. The students with the cooperation of their parents showed a positive response towards the drive and making it a successful one.



## National Safety Week



DPSN celebrated the National Safety Week in collaboration with Numaligarh Refinery Limited from 4<sup>th</sup> March – 10<sup>th</sup> March 2022. To generate awareness among students, safety drill and demonstrations were conducted by the Fire and Safety Department of NRL. Slogan Writing and Poster Making Competitions were also organized for students to create awareness.

## Annual Academic Prize Day

DPSN organised its Annual Academic Prize Day on 30<sup>th</sup> March 2022. Mrs Aarti Patnaik, Principal, Jawahar Navodaya Vidyalaya, Chinatoli Golaghat was the Chief Guest for the occasion. Academic Awards such as School

Toppers of AISSCE (2021) and AISSE (2021), Scholar Blazer for the Academic Session 2019-20 and 2020-21, Marker Cup for 2019-2020 and Scholar Badge for 2019-2020 were given away.



## News in pictures



Academic sessions on Cardiology, Neurology and Orthopedic by Apollo Hospitals on 10-01-2022



Farewell of MD NRL Shri S.K. Barua on 26.01.2022



National Youth Day on 12-01-2022



Republic Day dated 26-01-2022

## HOW TO GET YOUR BRAIN TO FOCUS?

Dr. Diganta Konwar

We've all been there: sitting at our desk with an urgent deadline and a wandering mind. Despite our best efforts, things are not progressing. We need to focus on the task in front of us. We are motivated to do it. But we just can't concentrate or focus.

In this digital world, we are easily distracted. Information is everywhere and we feel the need to deal with increasing and multiple forms of information. It drags on our time and our attention.

The inability to concentrate on the task at hand is one of the maladies of our time--everyone wants to know how to focus better, how to concentrate. Yet, the benefits of improving concentration and focus make it an issue worth addressing.

### What is concentration?

Concentration is *the ability to direct one's attention following one's will*. Concentration means control of attention. It is the ability to focus the mind on one subject, object, or thought, and at the same time *exclude from the mind every other unrelated thought, ideas, feelings, and sensations*.

To concentrate or focus is to exclude, or not pay attention to,

every other unrelated thought, idea, feeling, or sensation. To not pay attention to the numbers, beeps, and other indicators that we have a new message, a new update, a new "like," a new follower!

Our daily routine is dominated by switching in and out of our mobile phones and computer. We get a constant influx of messages from WhatsApp, email, Telegram, and the half-dozen other apps that are somehow critical to our job. We constantly search for information to help solve our daily problems or get our work done.

Frequent distractions affect productivity. It takes longer to finish a task. We don't listen as well. We don't comprehend things as well, whether with our partner or with colleagues, and end up in misunderstanding, misinterpretation, and conflict. It affects memory. We forget things or can't recall information promptly which affects our personal life and professional image.

### Factors affecting concentration

Some days it seems like our concentration is under attack from all sides. In fact, concentration is affected by both internal and external or environmental factors. If you want to learn how to improve focus and memory, it helps to understand what's getting in the way now.

- **Distraction.** We are bombarded by a constant flow of information, whether new or old, during the process of doing something. Researchers have found that our brains are so primed for this distraction that just seeing our smartphone impairs our ability to concentrate. We constantly assess whether the information is useful, sufficient, or meaningless. The sheer quantity coming in muddles our assessment of whether we actually need more information to make decisions.
- **Insufficient sleep.** Scientists have found that lack of sleep can lead to lower alertness, slower thought processes, and reduced concentration. You will have more difficulty focusing your attention and may become confused. As a result, your ability to perform tasks especially relating to reasoning or logic can be seriously affected. Chronically poor sleep further affects your concentration and memory.
- **Insufficient physical activity.** Have you ever noticed how vigorous exercise leaves you feeling more relaxed and energetic throughout the day? When you don't do physical activity, your muscles can become tense. You may feel tightness in your neck, shoulder, and chest and such persistent, low-level discomfort can affect your concentration.
- **Eating habits.** What we eat contributes to how we feel, including our mental sharpness and clarity, throughout the day. If we don't fuel our brains with the proper nutrients, we start to experience symptoms like memory loss, fatigue, and lack of concentration. Low-fat diets can ruin focus because the brain needs certain essential fatty acids. Other restrictive diets may negatively affect concentration by not providing the nutrients the brain needs or by creating hunger, cravings, or feeling of unwellness in the body that are themselves distracting.
- **Environment.** Depending on what you are doing, the environment can affect your focus. Obviously, a noise level that is too loud is a problem, but many people also have difficulty concentrating when it is too quiet. It isn't just the overall noise level but the type of noise that matters: A favourite song quickly has you singing along, happily distracted, and while less distinct instrumentals might keep you attuned to the task. Lighting that is too bright or too dim can affect your vision. A room that is too hot or too cold creates discomfort.

All of these elements can affect your concentration. Happily, they are also all addressable.

### Conditions related to concentration

If you frequently can't focus your thoughts and are experiencing ongoing concentration difficulties, it may indicate a cognitive, medical, psychological, lifestyle, or environmental cause. Depending on the cause, you may have to temporarily accept that your concentration is low and learn a few tricks to reduce the impact or accept the dips as they come.

### Possible broader conditions include:

**Cognitive.** Your concentration may decrease if you find yourself forgetting things easily. Your memory sometimes fails you, you misplace articles, and have difficulty remembering things that occurred a short time ago. Another way your concentration may be cognitively impaired is if you find that your mind is

overactive constantly thinking of multiple things due to concerns or important events. When thoughts and issues intrude in your mind, demanding attention, it prevents effective concentration.

**Psychological.** When you are depressed and feeling down, it is difficult to focus. Similarly, when you are recovering from the loss of a loved one during bereavement or are experiencing anxiety, you may have difficulty focusing on a single task.

**Medical.** Medical conditions like diabetes, hormonal imbalances, and low red blood cell count can affect our concentration. Some medication also makes you drowsy or bleary and severely impair concentration.

**Environment.** Poor working conditions, shared spaces, and intense or negative work dynamics may also contribute to a lack of concentration. When we are experiencing burnout or stress from work or personal life, we will find it difficult to concentrate due to emotional exhaustion. Similarly, the environment can create discomfort to our body with effects that we're aware of (heat, light, noise) and others that don't fully register (tension, negativity, monitoring).

**Lifestyle.** Fatigue, hunger, and dehydration can derail concentration. Lifestyles that involve too many missed meals, rich foods, or excessive alcohol consumption can challenge our memory and ability to concentrate and focus.

### 15 Ways to improve your focus

1. **Eliminate distractions.** How do we focus better if we are always bombarded with information? Make a practice to block time in your schedule to do a specific task or activity. During this time, request that you be left alone or go to a place where others are unlikely to disturb you: a library, a coffee shop, a private room.  
  
Close social media and other apps, silence notifications, and keep your phone hidden from sight in a bag or backpack. Researchers found that cognitive capacity was significantly better when the phone was out of sight, not just turned off. Shutting off both internal and external disturbances can help you to concentrate.
2. **Reduce multitasking.** Attempting to perform multiple activities at the same time makes us *feel* productive. It's also a recipe for lower focus, poor concentration, and lower productivity. And lower productivity can lead to burnout. Examples of multitasking include listening to a podcast while responding to an email or talking to someone over the phone while writing your report. Such multitasking not only hampers your ability to focus but compromises your work quality.
3. **Practice mindfulness and meditation.** Meditating or practicing mindfulness activities can strengthen well-being and mental fitness and improve focus. During the meditation process, our brain becomes calmer and our whole body becomes more relaxed. We focus on our breath during the process so that we will not be distracted by our minds. With practice, we can learn to use our breath to bring our attention back to a particular task so that it can be done well even if we get interrupted.

*To be continued*

## BCPL celebrates 15<sup>th</sup> Foundation Day

The 15<sup>th</sup> Foundation Day of BCPL was celebrated in BCPL Township, Barbaruah Dibrugarh on 8<sup>th</sup> January 2022. Shri Rameswar Teli, Hon'ble Union Minister of State, Petroleum and Natural Gas, Labour & Employment was the Chief Guest of the event. MLAs and other senior officials of Oil & Gas sector also attended the event. The programme commenced with the lighting of lamp which was followed by ceremonial cake and cultural evening.

Various week long activities were organized to mark the 15<sup>th</sup> Foundation Day of the company including release of second issue of house journal, SRIJAN, felicitation of employees by Managing Director for their service, first BCPL Open Competition for Employees Talent (BOCET), second edition of BCPL Quiz Inquiz've Pro 2.0 for employees and a knowledge sharing session for senior officials on 'Strategic Leadership' by Prof. Ranjan Das, IIM Kolkata

BCPL also took up activities to celebrate Azadi Ka Amrit Mahotsav. A half marathon of 21 km in association with Dibrugarh District Sports Association (DDSA) and cleanliness

drive near Bogibeel Bridge in association with National Service Scheme (NSS) cell of Dibrugarh University was organized.

Managing Director congratulated all employees and associates on the occasion and appreciated each and every individual associated directly or indirectly with the company for their efforts and contributions. He also extended warm greetings on the occasion of New Year 2022. The event was observed ceremonially in all BCPL Units.



## Inauguration of Roundabout near BCPL Plant

Shri Rameswar Teli, Hon'ble Union Minister of State, Petroleum and Natural Gas, Labour & Employment inaugurated the roundabout near BCPL plant at Barbaruah in presence of Shri Reep Hazarika, Managing Director BCPL, Shri Prasanta Phukan MLA Dibrugarh, Shri Chakra Gogoi MLA Moran, Shri Rituparna Baruah Chairman ATD, Shri Indra Gogoi Chairman AGCL, senior officials of BCPL and residents of Barbaruah on 4<sup>th</sup> March 2022.

The monument of the roundabout comprises of a pair of Brahmaputra River Dolphins engulfing the rings of prosperity and development, resting on the logo of BCPL, symbolizing the Company's aspirations to flourish through prosperity and development of the region. The pair of leaves and a bud with a couple of White Winged ducks (Asarcornis Scutulata)-the state bird of Assam, flying across, throws light on the historical significance of the tea city of Dibrugarh, nestled in the southern bank of the

Brahmaputra. This entire sculpture rests on a boat- the lifeline across the mighty Brahmaputra from ages together uniting Assam's demography amidst social and cultural diversity.



## Shri Manoj Jain, CMD GAIL and Chairman BCPL visits BCPL Petrochemical Complex

Shri Manoj Jain, CMD GAIL and Chairman BCPL was on a short visit to BCPL on 13th and 14th March 2022. He reviewed the plant's progress and interacted with the senior officials of BCPL. Shri Manoj Jain, also inaugurated the residential quarters (Phase II) in BCPL Township, Barbaruah in presence of Shri Reep Hazarika, Managing Director, BCPL and Pruthiviraj Dash, Director (Finance). He also interacted with the representatives of BCPL Officers Association and office bearers of BCPL Worker's Union.

During his brief visit to Assam, Shri Manoj Jain attended the inaugural of Ranjit Kumar Dutta Leadership Lecture

hosted by Centre for Management Studies, Dibrugarh University on March 14, 2022 as Chief Guest.



### BCPL felicitated for being one of the top tax depositor in the North East Region (NER).

BCPL has been felicitated for being one of the top tax depositor in the North East Region (NER) by the Income Tax Department. The Joint Commissioner of Tax handed over a memento of appreciation to Shri Pruthiviraj Dash, Director (Finance), BCPL on 15th March 2022 at Dibrugarh.



## Awards and accolades

BCPL has been conferred with **Great Place to Work-Certification™** for 2nd consecutive year for its High-Trust and High-Performance Culture. BCPL is awarded based on rigorous employee trust index survey and culture audit of the organisation conducted by Great Place to work Institute.

BCPL has also been conferred the award for **Best Use of HR Practices as an Engagement Strategy** by World

HRD Congress on the theme of 'Employee Engagement Leadership Award' in its 30th edition. The award serves an excellent platform to promote & recognize quality by highlighting leading organizational practices.

The company also bagged the prestigious **Golden Bird National Award 2021-22** and **Gold Award on Best HR Response towards Pandemic** in polymer industry.

## नुमालीगढ़ रिफाइनरी में हिंदी कार्यशाला का आयोजन

कार्यालयी कामकाज में हिंदी प्रयोग को बढ़ावा देने और दिन-प्रतिदिन की बोलचाल में प्रयोग होनेवाली छोटी छोटी व्याकरणिक गलतियों में सुधार लाने हेतु नुमालीगढ़ रिफाइनरी के कर्मचारियों के लिए दिनांक 23 फरवरी, 2022 को एनआरएल के प्रशासन सभाकक्ष में “हिंदी व्याकरण का सामान्य ज्ञान – कठिनाइयां और समाधान” शीर्षक पर एक अर्ध दिवसीय हिंदी कार्यशाला का आयोजन किया गया। कार्यशाला के प्रारंभ में वरिष्ठ प्रबंधक(मानव संसाधन व राजभाषा कार्या.) श्री गौरव दास ने सभी प्रतिभागियों को स्वागत किया और औपचारिक रूप से कार्यशाला का उद्घाटन किया। इस विषय पर व्याख्यान देने हेतु नॉर्थ ईस्ट इंस्टिट्यूट ऑफ साइंस एण्ड टेक्नोलॉजी, जोरहाट के हिंदी अधिकारी एवं सदस्य सचिव, नराकास, जोरहाट श्री अजय कुमार जी को आमंत्रण करके लाया गया। श्री अजय जी ने उक्त विषय पर बहुत ही सरल और आसान तरीके से स्लाइड प्रस्तुतीकरण द्वारा विस्तृत जानकारी दी। इस अवसर पर अक्टूबर-दिसंबर, 2021 तिमाही के दौरान आयोजित हिंदी ईमेल-पत्राचार प्रतियोगिता की सर्वाधिक ईमेल

भेजनेवाली विजेता प्रतिभागियों को एनआरएल के महाप्रबंधक(मानव संसाधन) श्री मिंटु हैडिक जी के करकमलों से पुरस्कार प्रदान किया गया।



प्रतिभागियों सहित श्री मिंटु हैडिक, महाप्रबंधक (ईआर/आईआर/पीआर) और अतिथि संकाय सदस्य श्री अजय कुमार, सदस्य सचिव, नराकास, जोरहाट

## नुमालीगढ़ रिफाइनरी में त्रैमासिक ई-मेल प्रतियोगिता की विजेताओं को पुरस्कार प्रदान

कार्यालय में हिंदी पत्राचार को बढ़ावा देने और राजभाषा विभाग द्वारा जारी वार्षिक लक्ष्य को प्राप्त करने के उद्देश्य से नुमालीगढ़ रिफाइनरी के कर्मचारियों के बीच वर्ष 2019 से त्रैमासिक ई-मेल प्रतियोगिता जो नियमित रूप से आयोजन किया जा रहा है। इसी क्रम में अक्टूबर-दिसम्बर'2021 तिमाही में आयोजित ई-मेल प्रतियोगिता की विजेताओं को दिनांक 23.02.2022 में आयोजित हिंदी कार्यशाला के दौरान पुरस्कार प्रदान किया गया है। उक्त पुरस्कार महाप्रबंधक(मानव संसाधन) श्री मिंटु हैडिक के करकमलों से प्रदान किया गया। विजेता प्रतिभागियों की सूची निम्नवत है –

|          |                                                                                                                                        |
|----------|----------------------------------------------------------------------------------------------------------------------------------------|
| प्रथम    | श्री शांतनु बोरा, तकनीसियन(परियोजना)<br>श्रीमती रत्ना दास, कार्यालय सहायक (पीएण्डए)                                                    |
| द्वितीय  | श्री सिराजुल मन्नान राजवी, अधिकारी(एनआरएमटी)                                                                                           |
| तृतीय    | श्री अजय पी सिंह, अधिकारी(ओपीएस-एसआरबी)                                                                                                |
| सांत्वना | श्री रितु हाती बरुवा, अधिकारी(वाणिज्य)<br>श्री अभिजीत बरठाकुर, अधिकारी(ओपीएस-एसआरबी)<br>श्री स्वर्णोत्पल काश्यप, अधिकारी(ओपीएस-एसआरबी) |



पुरस्कार वितरण

## एक दिवसीय राजभाषा सम्मेलन

राष्ट्रीय राजधानी क्षेत्र दिल्ली स्थित नगर राजभाषा कार्यान्वयन समिति (नराकास), दिल्ली (उपक्रम-2) के तत्वावधान में पांच सदस्य कार्यालयों द्वारा आयोजित एक दिवसीय राजभाषा सम्मेलन का आयोजन 09 मार्च, 2022 को दिल्ली स्थित, स्कोप कॉम्प्लेक्स में किया गया जिसमें 50 सदस्य कार्यालयों के हिंदी अधिकारियों ने भाग लिया। नुमालीगढ़ रिफाइनरी लिमिटेड, दिल्ली कार्यालय की तरफ से श्रीमती सीमा तनेजा ने इसमें हिस्सा लिया।



### कहां खो गया हूँ

- श्री आलोक कुमार शुक्ला,  
अधिकारी (विद्युत अनुरक्षण)

वक्त के दरिया में किस तरह बह गया हूँ,  
कहां था और कहां आ गया हूँ,  
मंजिल थी दूर, कुछ चढ़कर गिर गया हूँ,  
रास्ता है या मंजर ये कहां भटक गया हूँ ॥

लोचन पड़ी धुंधली, देखकर बिचक गया हूँ,  
ना राह दिखे ना राही, ये कहां आ गया हूँ,  
जाना है दूर पर दो पग में गिर गया हूँ,  
किसे कहूं अपना जब अपनों से घिर गया हूँ ॥

रातों की चमक दिन की दमक में फिर गया हूँ,  
ये कहां आ गया हूँ और क्यों आ गया हूँ,  
जिसे कहा अपना वो खूद ही दूर गया है,  
उसने किया दरारी या खुद ही दूर गया हूँ ॥

ये मोहब्बत की चमक में क्या कह गया हूँ,  
वो दर्द था भीतर जिसे पी गया हूँ,

वक्त के दरिया में किस तरह बह गया हूँ,  
कहां था और कहां आ गया हूँ ॥

कभी यहां खो गया हूँ, कभी वहां खो गया हूँ,  
गम कि पिनक में सदा खो गया हूँ,  
ना रस्ता दिखे ना मंजिल मिले,  
संघर्षों के मिलन में ये कहां खो गया हूँ ॥

खूद को समझने में गलत हो गया हूँ,  
किसी की लुभन में ये क्यों खो गया हूँ,  
रास्ता वही है मंजिल वही है,  
खोने के डर से ये कहां खो गया हूँ,  
वक्त के दरिया में किस तरह बह गया हूँ,  
कहां था और कहां आ गया हूँ ॥

## মধুপুৰে ৰিঙিয়াই

- গদা ডেকা

অৱসৰপ্ৰাপ্ত বিষয়া, এনআৰএল

বৰ হেপাহেৰে বহুদিনৰ পৰা আশাকৰি থকা মধুপুৰ সত্ৰ দৰ্শনৰ বাবে গুৱাহাটীৰ পৰা যাত্ৰা আৰম্ভ কৰিলোঁ যোৱা ১৫ ডিচেম্বৰত; লগত পৰিবাৰ, পুত্ৰ আৰু বোৱাৰী। ১৫ ডিচেম্বৰত বৰপেটা ৰোডৰ আত্মীয় এঘৰত বিয়া এখন খাই নিশাটো বৰপেটা ৰোডৰ অসম চৰকাৰৰ পৰ্য্যটক নিবাস ‘প্ৰশান্তি’ত কটালোঁ। অভিজ্ঞতা বৰ শোচনীয়। দৈনিক নিৰিখ কম নহয় যদিও সুবিধাবোৰ একেবাৰে নিকৃষ্টমানৰ। যিয়েই নহওক তিতা-কেহাৰ অভিজ্ঞতাৰে ৰাতিটো কটাই পিছদিনা ৰাতিপুৱাই কোচবিহাৰ অভিমুখে যাত্ৰা আৰম্ভ কৰিলোঁ। আবেলি ২ মান বজাত কোচবিহাৰ পাই আগতে ঠিক কৰি থোৱা হোটেল ‘জোনাকী’ত প্ৰৱেশ কৰিলোঁগৈ। হোটেলত থানখিত লগাই দুপৰীয়াৰ আহাৰ গ্ৰহণ কৰি পুৰণি কোচ ৰাজ্যৰ ৰাজধানী কোচবিহাৰত থাকি ৰাজ অট্টালিকা ৰাজবাৰী দৰ্শন কৰি কোচৰজাৰ উৎকৃষ্ট স্থাপত্যৰ এক ৰোমাম্বকৰ অভিজ্ঞতা লাভ কৰিলোঁ। কোচ নৃপতি সকল বৃটিছৰ অনুগত হোৱা বাবে পশ্চিমীয়া সভ্যতাৰ প্ৰভাৱ পৰিস্ফুত। সন্ধিয়া ই-ৰিক্সা এখনেৰে কোচবিহাৰ চহৰখনৰ পৰ্যটনস্থলী সমূহ পৰিদৰ্শন কৰিলোঁ। কোচ নৃপতি সকলে বেচ পৰিকল্পনাৰে কোচবিহাৰ ৰাজধানীখন স্থাপন কৰিছিল। প্ৰাচীন মঠ-মন্দিৰৰ পৰা আদি কৰি আধুনিক পশ্চিমীয়া সংস্কৃতিৰ অপূৰ্ব সমাহাৰ। বিশেষকৈ ৰাজ্যৰ শাসন কেন্দ্ৰৰ বিভিন্ন বিভাগসমূহ ‘সাগৰদীঘি’ নামৰ বিশাল পুখুৰীটোৰ চাৰিওপিনে নিয়াৰিকৈ স্থাপন কৰা কাৰ্য্যই কোচৰাজ সকলৰ আধুনিক মনৰ পৰিচয়ৰ বাহক। বৰ্তমান উক্ত স্থান সমূহত জিলা প্ৰশাসনৰ মুখ্য কাৰ্য্যালয় সমূহ অবস্থিত। বৰ্তমানৰ কোচবিহাৰৰ ৰাস্তা ঘাটবোৰৰ অৱস্থা বেচ উন্নত। আমি থকা হোটেলখনো বৰ সুন্দৰ আৰু কৰ্মচাৰীবোৰৰো আপ্যায়ন বৰ ভাল পালোঁ।

পিছদিনা অৰ্থাৎ ১৭ ডিচেম্বৰ তাৰিখে ৰাতিপুৱা ৯ মান বজাত গুৰুজনাৰ শেষ বয়সৰ কৰ্মভূমি আৰু অন্তিমশয়নৰ স্থান পুণ্য ভূমি মধুপুৰ সত্ৰ অভিমুখে যাত্ৰা আৰম্ভ কৰিলোঁ। আমি থকা ঠাইৰ পৰা মধুপুৰ সত্ৰৰ দূৰত্ব প্ৰায় ১১ কিঃমিঃ। আমি গৈ সত্ৰ পাওঁতে বাহিৰৰ দোকান-পোহাৰবোৰ খোলাই নাই। অৱশ্যে আমাৰ গাড়ীখন দেখি ওচৰৰে দোকানী এজন আগবাঢ়ি আহি দোকান এখন খুলিলত তাৰ পৰাই তেল চাকি ইত্যাদি লৈ সত্ৰৰ মূল প্ৰৱেশদ্বাৰেৰে চৌহদত পদাৰ্পণ কৰিলোঁ। চৌহদটো পৰিষ্কাৰ আৰু চাৰিওপিনে পকা দেৱালেৰে পৰিবেষ্টিত। মাটিকালি প্ৰায় ৯-১০ বিঘামান হ'ব যেন লাগিল। সত্ৰৰ মূল মণ্ডপটো গুৰুজনাৰ অন্তিম সংস্কাৰৰ ঠাইতেই অৱস্থিত। সোঁফালে কীৰ্তনঘৰ। কীৰ্তনঘৰৰ কাষত নতুনকৈ নিৰ্মাণকৰা নাটঘৰ। মণ্ডপটোৰ বাওঁফালে গুৰুজনাৰ এটি প্ৰতিমূৰ্তি। প্ৰতিমূৰ্তি

নকৈ মূৰ্তি বুলি কোৱাহে ভাল হ'ব যেন পাও, কিয়নো গুৰুজনাৰ সৰ্বজন গৃহিত প্ৰতিচ্ছবি জানো আছে? মণ্ডপটোৰ পিছফালে আছে সত্ৰাধিকাৰৰ বহাঁ।

মূল মণ্ডপটোত চাকি-বস্তি দিবলৈ আগবাঢ়োঁতেই সুললিত কঠেৰে ঘোষাপদ গাই গাই সুন্দৰ সুঠাম তজবজীয়া কিশোৰ ভকত এজন আগবাঢ়ি আহিল। কোমলকৈ মুখৰ বৈপৰা চেলাউৰিৰে দীঘল চুলিকোছা সুন্দৰকৈ খোপাবন্ধা পিছনত শুভ্ৰ উত্তৰীয়। সুমধুৰ হাঁহিটোৰে প্ৰথম দৃষ্টিতেই কিশোৰ ভকতে আমাৰ মন প্ৰান হৰি নিলে। শ্ৰীমতীয়ে মোক কানে কানে ক'লে- গুৰু শংকৰদেৱৰ কৈশোৰৰ চেহেৰা চাওঁ এনেকুৱাই আছিল। মই শলাগিলোঁ।

পৰিচয় পৰ্বত গম পালোঁ কিশোৰ ভকতৰ নাম মাধৱ দেৱমহন্ত। ঘৰ বৰদোৱাত। দ্বাদশ শ্ৰেণীত অধ্যয়নৰত। মধুপুৰ সত্ৰলৈ অহাৰ তিনিবছৰ হৈছে। সত্ৰাধিকাৰ মহাপ্ৰভু লক্ষ্মীকান্ত মহন্ত। সত্ৰাধিকাৰ গৰাকী বৰ্তমান গুৰুতৰ ভাবে অসুস্থ। দুয়োটা বৃদ্ধই অচল। সপ্তাহত তিনিবাৰকৈ ডায়েলাইচিছ কৰিব লাগে। ওচৰত সুবিধা নাই বাবে কোচবিহাৰলৈ যাব লাগে ডায়েলাইচিছৰ বাবে। ভাড়াগাড়ী সময়ত কেতিয়াবা নোলায়। আমি যোৱাদিনাখনো সত্ৰাধিকাৰ গৰাকীৰ ডায়েলাইচিছৰ দিন আছিল। তেখেত যোৱাৰ বাবে সাজু হৈছিলেই; মাধৱ ভকতে খৰধৰকৈ আমাক প্ৰভুইশ্বৰক এখন্তেক লগ কৰিবলৈ পৰামৰ্শ দিলে। ততাতৈয়াকৈ আমি সত্ৰাধিকাৰ গৰাকীৰ বহাঁলৈ গলোঁ। তেখেত যাবলৈ ওলাইছিলেই; আমাক দেখি ক্ষন্তেক ৰ'ল। ৰোগে শোকে জৰ্জড়িত এক বিধবস্ত ব্যক্তি। আমি তেখেতৰ চৰন চুই আশীৰ্বাদ ল'লোঁ।

গোসাঁইৰ লগত হোৱা চমু বাৰ্তালাপত উমান পালোঁ মধুপুৰ সত্ৰলৈ নামি অহা অশনি সংকেতৰ কথা। সত্ৰত বৰ্তমান ৰুগীয়া সত্ৰাধিকাৰ গৰাকীৰ লগত কণাৰ লাখুটিৰ দৰে মাত্ৰ আমি লগ পোৱা কিশোৰ ভকত মাধৱদেৱ মহন্তহে আছে। সত্ৰৰ সমস্ত কাম কাজৰ উপৰিও গোসাঁইৰ দিনেৰাতিয়ে পৰিচৰ্যা কৰিব লাগে। মাধৱদেৱ স্কুলীয়া ছাত্ৰ; নিয়মিত পঢ়াশুনা কৰাৰ উপৰিও সময়ত পৰীক্ষাৰ বাবে অসমলৈ যাব লাগে। উচ্চশিক্ষাৰ বাবে যদি সত্ৰলৈ ঘূৰি নাহে সত্ৰত এজনো ভকত নোহোৱা হ'ব। ইফালে গোসাঁইৰ শৰীৰো দিনে দিনে বেয়াৰ ফালে ঢাল খাই আহিছে। অনাগত দিনত সত্ৰখনৰ অন্ধকাৰ ভবিষ্যতৰ কথা ভাবি সত্ৰাধিকাৰ গৰাকীয়ে আমাৰ হাতত খামুচি ধৰি ছক্‌ছকাই কান্দি উঠিল আৰু সত্ৰখনৰ ৰক্ষাৰ বাবে আমাক কাতৰ অনুৰোধ কৰিলে। আমি কি বুলি সান্তনা দিম ভাবি নেপালোঁ। দুধাৰী তপত চকুলো বৈ

আছিল। ইতিমধ্যে হস্পিতাললৈ নিবলৈ ঠিক কৰা গাড়ীখন আহি পাইছে। এহাতে লাখুটি আৰু ঔষধৰ টোপোলাটো আৰু আনখন হাতত কন্মল এখন লৈ দুৰ্বল শৰীৰটোৰে অকলশৰে নিঃসঙ্গভাবে আগবাঢ়ি গৈ থাকিল বিখ্যাত মধুপুৰ সত্ৰৰ সত্ৰাধিকাৰ লক্ষ্মীকান্ত মহন্ত। তেখেতৰ হাত এখনত ধৰি আগবঢ়াই দিলো গাড়ীখনলৈ। গোসাঁইৰ ভৰি দুয়োখনেই ফুলিছে। মোৰ শেষ জীৱিত স্পৰ্শ নহওক - ভগৱানক প্ৰাৰ্থনা জনাইছোঁ।

মাধৱ নবপ্ৰজন্মৰ যুক্তিবাদী ভকত। নাম-ঘোষা, কীৰ্তনৰ পদসমূহ কণ্ঠস্থ। কথাত মাজে মাজে ঘোষাৰ পদসমূহ গাই থাকে। বয়স তেনেই কম যদিও জ্ঞানৰ পৰিপক্বতা অসীম। কথাবোৰ ইমান বসলগাকৈ কব পাৰে যে শুনিলে শুনি থাকিবৰ মন যায়। তেওঁৰ পৰাই গম পালোঁ সত্ৰখনৰ আভ্যন্তৰীণ বহু কথা। কিমান আত্মকালৰ মাজত সত্ৰখন যে চলাই আছে তবধ মানিবলগীয়া। অনাসমীয়া সমাজ এখনৰ মাজত য'ত নেকি সত্ৰীয়া সংস্কৃতিৰ কোনো পৰিবেশেই নাই তেনেকুৱা পৰিবেশত মাত্ৰ দুজন মানুহৰদ্বাৰা কোনোমতে প্ৰাণটোলৈ বাচি আছে মধুপুৰ সত্ৰ। স্থানীয়ভাবে ডেকাসত্ৰাধিকাৰ এগৰাকী আছে যদিও কীৰ্তনঘৰত তিনিটা প্ৰসংগ কৰিয়েই তেখেতৰ নিজৰ ঘৰলৈ গুচি যায়। সত্ৰাধিকাৰ গৰাকীৰ লগত ডেকাসত্ৰাধিকাৰ গৰাকীৰ সম্পৰ্ক প্ৰায় নায়েই।

বিগত সময়ত অসম চৰকাৰে সত্ৰখনৰ আন্তঃগাঁথনিৰ যথেষ্টখিনি উন্নতি অৱশ্যেই কৰিছে। কিন্তু মূল সমস্যা হৈছে সত্ৰত থকা ভকতৰ অভাৱ। বৰ্তমানৰ কিশোৰ ভকত মাধৱদেৱ মহন্তই ৰুগীয়া সত্ৰাধিকাৰ গৰাকীক অকলে এৰি থৈ যাব নোৱাৰিহে মানবীয় কাৰণত আছে। সত্ৰাধিকাৰ গৰাকী হয়তো আৰু বেছিদিন বাচি নাথাকিব। লগতে সত্ৰ এৰি গুচি যাব কিশোৰ ভকত মাধৱদেৱ উচ্চশিক্ষাৰ বাবে। সত্ৰীয়া সংস্কৃতিৰ ওপৰত তেখেতৰ গৱেষণা কৰাৰ মন। কিশোৰ ভকতক সুধিলো - আপুনি গুচি গ'লে সত্ৰখনৰ অৱস্থা কি হব? মহাপুৰুষজনাই জ্বলাই থোৱা অক্ষয়বন্তিগচ কোনে জ্বলাই ৰাখিব? আমাৰ কিশোৰ ভকতৰ স্পষ্ট উত্তৰ বা ওলোটো প্ৰশ্ন - কিয় অসমত আৰু তিনিকোটি মানুহ নাই নেকি চিন্তা কৰিবলৈ মধুপুৰ সত্ৰৰ অক্ষয় বন্তিগচ কোনে জ্বলাই ৰাখিব?

মই নিৰ্বাক নিৰুত্তৰ। অসমৰ ৰাইজ আৰু সত্ৰমহাসভাই কিছু চিন্তাকৰি সমাধান উলিয়াওক। হয়তো আৱৰ্তন (Rotation) পদ্ধতিত অসমৰ প্ৰায় ৯০০ খন সত্ৰসমূহৰ পৰা কেইজনমান ভকতক মধুপুৰ সত্ৰত স্থাপন কৰিব পাৰি; অথবা চৰকাৰী সা-সুবিধাৰে কেইজনমান ভকতক নিয়োগ কৰিব পাৰি। কিয়নো সমাজহীন জীৱন এটা সমুদ্ৰৰ মাজত নিৰ্জন দ্বীপ সদৃশ সত্ৰখনত কোনোৱে হয়তো স্থায়ীভাবে থাকিব নিবিচাৰিব। অনতিপলমে মধুপুৰ সত্ৰৰ বাবে ভকতৰ এটা

স্থায়ী সমাধান উলিয়াব নোৱাৰিলে গুৰুজনাই প্ৰতিস্থা কৰা অক্ষয় বন্তিগচ চাগে চিৰকাললৈ নুমাই থাকিব।

শেষত এটা মাত্ৰ উদাহৰণেৰে বৰ্তমানৰ সত্ৰাধিকাৰ গৰাকীৰ মনোকণ্ট তথা তীব্ৰ অন্তৰ্দৰ্শ বুজিবলৈ যথেষ্ট হ'ব। সত্ৰৰ চাৰিওফালৰ মানুহখিনি শান্ত ধৰ্মেৰে প্ৰভাবিত হোৱা বাবে দুৰ্গাপূজা হওক বা কালীপূজাই হওক, সত্ৰৰ ফালৰপৰা একটিনকৈ মিঠাতেল দিয়াৰ বাবে বাধ্য; সেয়া কৰোৱা হয় অনুৰোধ, দাবী, ধমকি অথবা ভৰ্তসনাৰ মাধ্যমেৰে!

## আমাৰ কুঞ্জকানন

দুলাল চন্দ্ৰ দাস  
জেষ্ঠ প্ৰৱন্ধক (এবিআৰপিএল)

পূব আকাশত ৰ'দৰ জিলিঙনি  
ক'ৰ পৰানো আহিলি তই গঙা চিলনী  
সোণাৰুৰ প্ৰেমত তুলিলি সুৰৰ ৰাগিনী  
আশাৱৰী ভৈৰৱী আৰানা ভৱানী  
বাহাৰ বেহাগ বসন্ত ৰাগেশী ভূপালী  
চন্দ্ৰকুশ চন্দ্ৰিকা কাজৰী দেৱাগীৰি  
দাঁতিয়েদি বৈ যায় নিৰবধি কালিয়নী  
এছৰাজৰ পৰা দেখোঁ পাহাৰৰ চূড়ামণি  
লৰি-ঢাপৰি অগা-দেৱা কৰে আজলি হৰিণি  
বিদ্যমান আজিও নুমলীকুঁৱৰী ৰাজ নন্দিনী  
মুখে মুখে চলি আছে সেই বীৰত্বৰ কাহিনী  
গমকে নাপাই হাতীজাকে কেনেকে আহি সোমাই  
কলগছৰ কোঁহবোৰ খাই ভাগৰি জিৰাই  
নিৰৱে অহাবাটে উলটি যাই অৰণ্যলৈ চাই চাই  
গাতে লাগি আছে দেখোঁ দেওপাহাৰৰ ৰাংচালী সেই  
সদা প্ৰজ্বলিত প্ৰগতি শিখাৰ আকাশ চুবলে মন  
উন্নতিৰ ৰথৰ চালিকা শক্তি হোৱাৰ কেৱল আছে পণ  
বিশুদ্ধ বায়ুৰ মাপকাঠি মুক্ত পখিলা উদ্যান  
নানাৰঙী পখিলাই কৰে অবাধ বিচৰণ  
বনৰীয়া ফুলৰ মৌ চুমি নিতৌ কৰে স্নান  
সমজুৱা সংস্কৃতিৰ প্ৰাণকেন্দ্ৰ সেয়া কুঞ্জবন  
ঐক্য শান্তিৰ পতাকা লৈ গাই যাওঁ উন্নয়নৰ জয়গান  
ৰামধেনুৰ দৰে জিলিকি আছে আমাৰ কুঞ্জকানন।



*Vishnu Vardhan, ONGC*



*Yuki Bhambri, ONGC*



*Bubuljyoti Das, NRL*

*Star players in action at the PSPB Inter Unit Tennis Tournament  
hosted by NRL in Guwahati between 27<sup>th</sup> to 31<sup>st</sup> March 2022*