

ब'दालि

रोदालि

July - September 2023, Vol. 80

R o d a l i

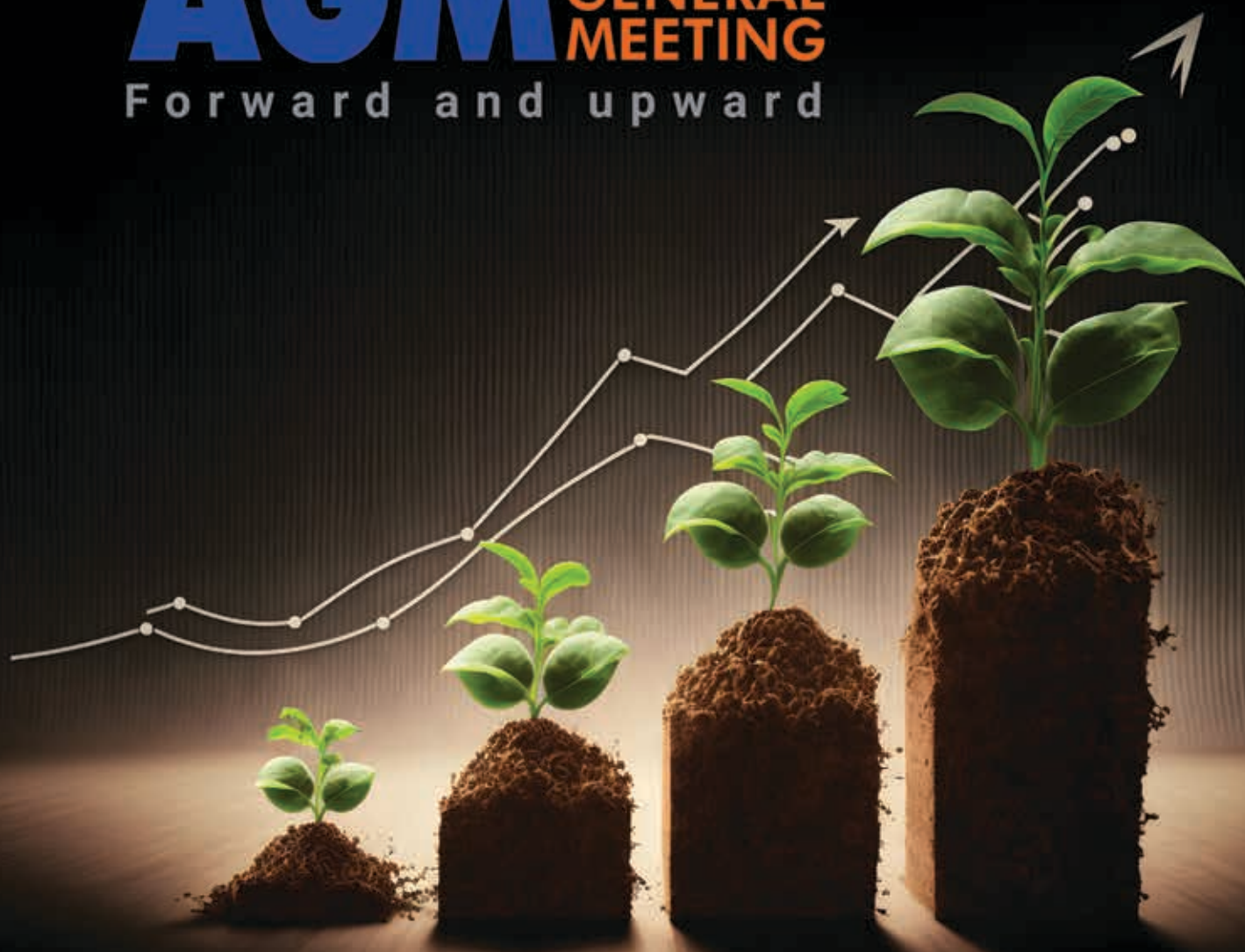
House Journal of Numaligarh Refinery Limited

NUMALIGARH
REFINERY
LIMITED

A GOVERNMENT OF ASSAM ENTERPRISE



30th **AGM** **ANNUAL
GENERAL
MEETING**
Forward and upward





CONTENTS

Performance Highlights	1
NRL News	2
People	18
Article.....	20
Club News.....	22
DPS News.....	23
VK NRL Hospital.....	25
Hindi Section.....	27
Assamese Section.....	29

Rodali : July - September 2023

Published by Corporate Communications Department
for Numaligarh Refinery Limited

122A, G. S. Road, Christanbasti, Guwahati - 5

Website: www.nrl.co.in

Editorial Correspondence

madhuchanda.adhikari@nrl.co.in

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

Design & Production: Exclusive Advertising Pvt. Ltd.

From the Desk of the Editor

Dear Readers,

As we transition into the latter half of the fiscal year 2023-24, it is an opportune moment to pause and reflect on the journey of our company during the second quarter. This period has been a tapestry of challenges and triumphs, each adding a unique thread to our evolving narrative. Do take a peek on the holistic performance of the company including refinery operations, financials and status of ongoing projects.

Our continuous thrust to improve energy efficiency in operations has borne outstanding results. NRL has become one of the first Indian refineries to have traded Energy Savings Certificates (ESCs) for overperforming in energy targets.

Community engagement and environmental stewardship go hand in hand in our journey of achieving business excellence in all spheres of activities. Our CSR activities and sustainable development initiatives during the quarter manifest this spirit in itself. NRL's active participation in the Exhibition on CSR activities of CPSEs and the Gas Conclave 2023 further underscored our commitment in this direction.

Significant strides have been made in the Refinery Expansion Project with the 2nd over-dimensional/over-weight cargo for the Numaligarh Refinery Expansion Project arriving via the India-Bangladesh Protocol Route, increasing the number of such reactors to reach Numaligarh to half a dozen.

Collaborations have also been a key focus, with Memorandum of Agreements signed with IWAI for transportation of Petroleum Product Cargo using IWAI Jogighopa Jetty and with IIT Guwahati to develop technology for the production of marketable Grade Green Activated Carbon from bamboo dust.

As we look back at this quarter, it's evident that our achievements are a collective effort, reflecting the dedication and commitment of the entire NRL team. Let us remain steadfast in our mission to set new benchmarks in operational excellence, sustainability, and community development.

Signing off till the next quarter,

Madhuchanda Adhikari

Connect with us on



[@NRL.MoPNG](https://www.facebook.com/NRLMoPNG)



[@nrl_mopng](https://twitter.com/nrl_mopng)



[NumaligarhRefineryLimitedAssam](https://www.youtube.com/NumaligarhRefineryLimitedAssam)

Highlights of NRL's performance during Q2 of 2023-24

Capacity Utilisation

NRL's crude throughput during the second quarter of the year was 778 TMT, which is 104% of capacity utilisation. Cumulative crude throughput during the year upto Sep'23 was 847 TMT.

Production Efficiency

Distillate yield during July-Sep'23 and Apr-Sep'23 were 85.33% and 81.75%. Distillate yield during corresponding period of previous year were 86.95% and 87.91%.respectively.

Specific Energy Consumption (SEC) during July-Sep'23 were 63.97 MBN. SEC during corresponding period of previous year were 61.51 MBN.

Similarly, Energy Intensity Index (EII) recorded during July-Sep'23 was 84.59. EII during corresponding period of previous year was 83.50.

Capital expenditure

Capital expenditure during Apr- Sept'23 was ₹3,487 Crore against annual target of ₹8,790 Crore.

Ongoing / Upcoming Projects

i) Refinery expansion from 3 to 9 MMT:

a) Status on NREP:

- Approved cost of the project is ₹18,968 Crore.
- As on 30th September, 2023, the physical progress was 42.6% and financial progress was 36.89% respectively.

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

- Approved cost of the project is ₹9,058 Crore.
- As on 30th September, 2023, the physical progress was 57.1% and financial progress was 65.24% respectively.

ii) Apart from NREP, NRL is also implementing the following major projects

a) DCU Revamp:

- The approved cost for the project is ₹490 Crore
- As of September, 2023, the physical and financial progress was 18.1% and 18.65% respectively.

b) Power Recovery Turbine in PFCC unit:

- The approved cost of the project is ₹293.50 Crore.
- As of September, 2023, the physical progress was 24%.

c) Green Hydrogen Plant – 2.4 KTPA:

- The approved cost of the project is ₹170 Crore.
- Cumulative commitment as on 30.09.2023 is ₹123 Crore.

d) SMT Augmentation:

- The approved cost for the project is ₹484 Crore.
- As of September, 2023, the physical and financial progress is 36% and 18.89% respectively.

e) Coke Drum Structural Project for NREP:

- Along with the DCU revamp project, NRL is implementing a project for installation of Coke Drum Structural Package (CDSP) and associated facilities at a cost of ₹465.28 Crore.

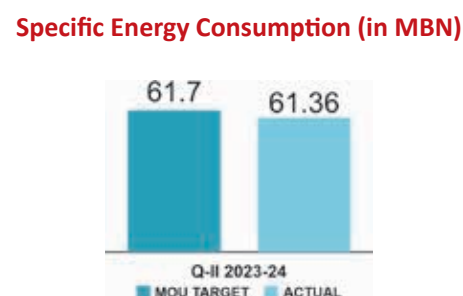
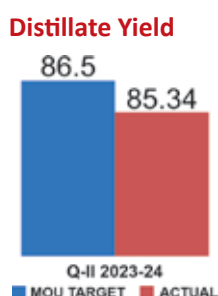
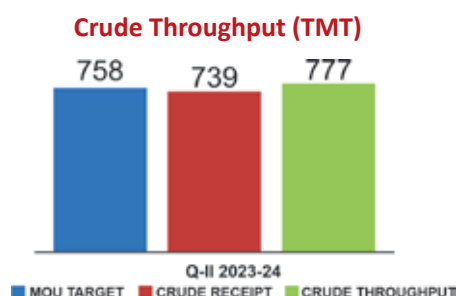
iii) Investment in new JVs:

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

At on September, 2023, the overall physical progress achieved is 88.7%, while the financial progress is 68.18%.

b) Indradhanush Gas Grid Limited (IGGL):

As of September, 2023, the physical and financial progress is 76.62% and 50.55% respectively.



NRL overperforming in Energy parameters

NRL is one of the first Indian refineries to have traded ESCerts (Energy Savings Certificate) for over performing in energy targets. So far, Sale clearance of 771 ESCerts has been obtained from PAT cycle II. The market clearing price is Rs1,840/ESCert for PAT -II (2016-19) as derived by the Ministry Of Power.

An Energy Saving certificate or ESCert is an exchange tradable instrument which is issued to an industrial unit in India for generating surplus energy saving of one metric ton of oil equivalent (TOE) beyond the target needed for compliance.

13 energy intensive industries including Refineries fall under the Perform Achieve and Trade (PAT) mechanism of the National Mission of Enhanced Energy Efficiency (NMEEE) of MoP (Ministry of Power) driven by Bureau of Energy efficiency (BEE)

30th AGM of NRL



A glimpse of the 30th AGM of NRL being presided over by CMD OIL and Chairman NRL Dr. R Rath on virtual mode

The 30th Annual General Meeting of NRL was held on 19th of August 2023 at NRL Corporate Office, Guwahati. The Meeting was presided over by Chairman CMD OIL and Chairman NRL, Dr. R Rath on virtual mode and was attended by MD NRL, Mr. B J Phukan and other members of the NRL Board and shareholders of the Company.

A final dividend of ₹235.40 Crore for the FY 2022-23 was declared during the AGM. The Company had earlier already paid an interim dividend of ₹882.76 Crore for the FY 2022-23. Thus, total dividend pay-out for the FY 2022-23 was ₹1,118.16 Crore, representing 30.20% of NRL's Profit After Tax (PAT) for the year.

Addressing the shareholders of the Company, Chairman Dr. Ranjit Rath said, 'Today is truly special because it is the first AGM after the announcement of upgradation of NRL from Schedule – B to Schedule A CPSE by the Govt. of India. I take the opportunity to extend my hearty congratulations to all of you for making it possible. This accomplishment has been the fruition of tireless efforts and outstanding achievements in every sphere of NRL's activities in its prolific journey of 30 years.'

The performance highlights of the Company during FY 2022-23 has already been published in the 78th issue of Rodali.

Post AGM, a Press Meet was organized where Chairman NRL, Dr. Ranjit Rath addressed the Media via video conferencing accompanied by MD Mr. B. J. Phukan and Director (Finance) Mr. Sanjay Choudhuri on the dais. They answered various questions raised by regional and national media on the various aspects of the Company, major projects on the anvil and future roadmap. The Press Meet was also streamed live on Facebook gathering immense digital response.



Chairman Dr. R Rath addressing the Post AGM Press Meet on virtual mode

A post AGM cultural evening and dinner was hosted at Hotel Vivanta to celebrate the Company's accomplishments which was attended by shareholders and well-wishers of the Company along with distinguished personalities from all walks of life.

Over Weight and Over Dimensional consignments for NREP reach Numaligarh via Indo-Bangladesh Protocol Route

The second over-dimensional/overweight cargo for the Numaligarh Refinery Expansion Project arrived at Dhubri Terminal on National Waterways 2 (Brahmaputra) via the Indo-Bangladesh Protocol Route on 19th July, 2023. This massive RPTU Reactor weighs 700 tonnes and spans 31.5 meters and will be installed in the VGO HDT section, enhancing the refinery's capabilities.

Once operational, the reactor will hydrotreat vacuum gas oil from the CDU/VDU and LC Fining section, effectively reducing sulphur and N₂ levels. The output will be a product

ideal for processing in the downstream Petrochemical Fluidized Catalytic Cracking unit. The PFCC Unit acts as a gateway to future petrochemical production, opening up exciting prospects for the refinery.

Till end of September 2023, 6 ODC consignments have reached NRL jetty. VGO reactors weighing more than 1150 MT have been successfully unloaded from the barge. Onward movement of these ODC equipment from NRL jetty to refinery premises has been planned in a phased manner in close consultation with all stakeholders.



NRL supports Govt. of Assam's initiative 'Amrit Brikshya Andolan'

CMD OIL and Chairman NRL Dr. R. Rath, along with MD NRL Mr. B. J. Phukan presented a cheque amounting to ₹1 Crore to Principal Chief Conservator of Forests & Head of Forest Force, Assam Mr. M.K Yadava IFS, in support of Government of Assam's innovative initiative Amrit Brikshya Andolan on 1st September, 2023.

Initiated by Hon'ble Chief Minister of Assam Dr. Himanta Biswa Sarma, Amrit Brikshya Andolan is a mega plantation drive of commercially valuable species of plants and trees with the objective of increasing the Trees Out Side Forest, by one crore trees in the current year, followed by planting of 2-5 crore trees in subsequent years. The 'Jan Andolan' started with the planting of one crore seedlings on a mission mode on 17th September, 2023 within a period of three hours across Assam. The focus is on commercial tree species such as Hollong, Gamari, Teak, Sal, Mahogany, Agar, Chandan etc., so that this initiative goes a long way in boosting the income of farmers and citizens.

Implemented under the aegis of the Assam Agroforestry Development Board which is a State Government company under the Environment & Forest Department, Assam, it is worthy to note that the Government of Assam would pay ₹100 to the beneficiaries on each successful planting and ₹200 will be paid in the 2nd and 3rd year on survival of the plant.



77th Independence Day

The 77th Independence Day of the nation was served with much enthusiasm and patriotism at NRL. At Numaligarh, the celebrations were organized in collaboration with CISF NRL Unit, DPS Numaligarh and VK NRL Hospital at NRL Township.

MD Mr. B. J. Phukan graced the celebrations as the Chief

Guest and unfurled the National Flag in the presence of DF Mr. Sanjay Choudhuri, senior officials and employees of the Company. Rendition of the National Anthem followed by the ceremonial guard of honour, march-past by CISF, AISF and NCC, distribution of security awards and enthusiastic performance by cultural troupes marked the celebrations.



At Numaligarh

At Guwahati, Sr. CGM(CA) Mr. Nikunja Borthakur unfurled the National Tricolour. The day was celebrated with patriotic fervour in presence of employees of NRL Corporate Office, Guwahati. Similar celebrations were held in other locations of the Company.



At NRL Corporate Office Guwahati



At Siliguri Marketing Terminal

Engineers' Day



NRL Technical forum celebrated Engineers' day on 15th September, 2023 at Kaliyani Club, Kunjakanan with the theme '**Engineering for a Sustainable Future**'. The programme was inaugurated with the lighting of lamp and floral tributes to Sir Mokshagundam Visvesvaraya. Dr. Pankaj Kalita, Associate Professor, Centre for Energy, IIT Guwahati delivered the keynote address and presented a paper on the theme.

In the technical session, Mr. Debashis Thakur, SM(TS-Process) made a presentation on 'Green hydrogen production initiatives at NRL', while Mr. Sarfrazullah Nawaz Sayed, Mgr (Mech. Maint) presented on 'Exploring wax pastillation unit – technology & operation at NRL'.



Mr. Sarfrazullah Nawaz Sayed



Mr. Debashis Thakur

Exhibition and Conclave on CSR

NRL participated in the Exhibition on CSR activities of CPSEs and Conclave on CSR organised by the Department of Public Enterprises (DPE) on 25th and 26th

September, 2023 in Pragati Maidan, New Delhi. This two-day CSR Conclave served as a forum for innovation, collaboration, and inspiration in the field of CSR and



Glimpses of NRL stall

provided an opportunity for participating companies to showcase their CSR accomplishments and explore avenues for planned and sustainable action.

NRL stall displayed the flagship CSR programs of the

company including success stories and exhibited handicrafts and other products made of sustainable material by CSR beneficiaries of the company.

Gas Conclave 2023

Fostering Synergy for a Cleaner Future

GAS CONCLAVE 2023, a day-long brainstorming workshop on the prospects and challenges of the usage of natural gas, was organized by the Department of Industries, Commerce & Public Enterprises, Government of Assam on 26th September, 2023 at Assam Administrative Staff College, Khanapara, Guwahati, Assam in association with NRL and a number of other oil and natural gas companies like GAIL, IGGL, IOCL, OIL, AGCL, APL, Adani Gas, BCPL and ONGC.

The inaugural session was graced by the Hon'ble Minister, Industries, Commerce & Public Enterprise Department, Govt of Assam Shri Bimal Bora. Recognizing Assam's leading role in the petroleum and natural gas sector, he highlighted the significance of the Hydro-carbon Vision 2030 for North-East India by the Central Government. He underscored the abundant natural gas reserves in Assam, envisioning a fuel-driven economy embracing this clean and green energy. The need for seamless collaboration among stakeholders across the natural gas value chain was strongly emphasized. Additional Chief Secretary, Industries, Commerce & Public Enterprise Department, Dr. Ravi Kota, IAS, delivered the keynote address. MD NRL Mr. B J Phukan, Dr. Laxmanan S, Secretary Deptt. of Industries, Commerce and PE, Govt. of Assam and Principal Secretary, Revenue and Disaster Management, Govt. of Assam Mr. G D Tripathi also spoke on the occasion.

During the subsequent 4 technical sessions, the producers of natural gas (viz. OIL, ONGC, Vedanta Cairns, Oilmax and HOECL), the transporters (viz. GAIL, IGGL

and DNPL), the distributors (viz. AGCL, Purba Bharati Gas Private Ltd., Adani Total Gas Ltd. and NEGDCL), the end-users [viz. NRL, BCPL, APL, Assam Power Generation Company Limited, ABITA – representing the tea industry, and Maruti and Toyota – representing the CNG vehicle industry] and regulatory authorities [viz. Transport Department, Environment & Forest Department, Mines and Minerals Department and PCBA] made presentations on their current status, prospects and various issues with one another and with the State Government.

GAIL India Limited announced that the Barauni-Guwahati Pipeline shall be able to provide gas in Guwahati by the end of the year, thereby marking a major milestone in the linkage of the State with the National Gas Grid. This in due course shall enable the connect between producers, importers and the end-users of natural gas in a seamless manner.

The Conclave discussed in detail the issues raised during the presentations, and actions needed to be taken thereupon, and resolved to take up these activities in a coordinated manner.

With almost all the districts in Assam being covered by city gas distribution, and more pipelines being laid by IGGL and others, the State government decided to work on an action plan for 2030 to develop gas-based economy in Assam that would create more employment opportunities and reduce the pollution.



A view of the inaugural session

HSD bulk order from ONGC Tripura Asset

NRL has bagged an order for supply of 21,889 KL of HSD to ONGC Tripura Asset (drilling site) for a period of 3 years. The order value for supply of 21889 KL of HSD is around 176 Crore. Supply will be made from Numaligarh

Refinery Marketing Terminal (NRMT) through 12 KL / 20 KL Tank Lorry. NRL bagged the order through a competitive bidding process and the supply is expected to start from the last week of September, 2023.

Events & Inaugurations

Swachhata Pakhwada-2023

Swachhata Pakhwada 2023, a fortnight-long campaign was observed from 1st to 15th July, 2023, with much enthusiasm and verve. As per the guidelines of MoPNG, various activities and campaigns were undertaken to raise awareness about cleanliness in our daily lives, whether at home or at work.

Swachhata Pakhwada, 2023 was flagged off on 1st July with Swachhata Pledge administered across different units of the Refinery site at Numaligarh and all locations of the Company i.e. NRL Corporate Office, Siliguri Marketing Terminal and Delhi Office to reassert NRL's commitment towards Swachhata

Swachhata Pakhwada Pledge taking in different locations



At Guwahati



At New Delhi



At Numaligarh



At Siliguri Marketing Terminal

Highlights of programs held as a part of Swachhata Pakhwada



With the objective of planting 4500 trees in a phased manner, a tree plantation drive was organised on 1st July, 2023 at NRL's Integrated Project site at Bogidhola Muga VGR, Sumoni in Golaghat district in order to foster environmental sustainability and ecological cleanliness, with overwhelming participation of 250 participants



Foundation-laying of Public Toilet at Kuralguri Primary Health Centre (PHC), Dergaon in Golaghat district on 2nd July, 2023 in presence of NRL representatives, Village Head, Medical officer and staff of the PHC



Cleanliness Drive carried out at Purabangla Point and Marketplace in Golaghat district on 2nd July, 2023 with participation of 20 local cleaners



On 3rd July, 2023, a 5 day Fine Art Workshop was organised by Chandmari Town Mandal Samal Kendra in association with the social organisation Satirtha – at No-1 Town Model School in Golaghat district that witnessed a participation of 130 enthusiastic school students intending to promote craft-making skill by utilising waste-materials



Inauguration of drinking water plant at Kathoni Bagan LP School, Amlotsang on 4th July, 2023, providing access to proper drinking water to 138 students and 5 teaching staff members along with nearby villagers



A special medical camp was organised at Alubari near Dholaguri Tea Estate, Golaghat on 4th July, 2023, providing free consultation, diagnosis and medicines to over 120 women from the surrounding areas



Health Awareness camps were organized on 4th July, 2023, for women at Alubari, near Dholaguri Tea Estate



Craft making workshop using waste material organized by NRL Corporate Office at Prarthana school, Chandmari on 5th July, 2023



Foundation-Laying of new School Toilet Block at Bokakhat Jatiya Vidyalaya in Golaghat district on 7th July, 2023, that would benefit a total of 520 students and staff of the school



Inauguration of Drinking water plant at Mitham Chapori village on 8th July, 2023, in presence of NRL officials along with village Headman, village development committee members and other villagers



Special health camp conducted at Furkating, Assam on 8th July, 2023



Mass Cleanliness drives conducted around the neighbourhood of the Refinery on 9th July, 2023



Foundation laying ceremony of a school toilet block at Pub Dergaon Krishnaram Adarsha High School, Dergaon on 10th July, 2023



Distribution of 5 Garbage carrying E-Rickshaws to Melamora Eco-Tea Tourism Centre Golaghat on 10th July, 2023



Inauguration of Solar Street Lights at Batadrava Than, Bardowa in Nagaon district on 11th July, 2023, with 70 Solar Street Lights installed



Inauguration of foundation laying ceremony of school toilet block at Karyani High School, Dergaon on 12th July, 2023



Ongoing plantation program of 4500 Som trees out of which 3000 Som tree saplings have been planted till 13th July, 2023, at Bogidhola Muga VGR



Foundation laying ceremony for toilet block at Bogidhola Muga VGR on 13th July, 2023



Inauguration of Drinking Water Facility at Gyanmarg Academy by officials of NRL in presence of Principal, Gyanmarg Academy, Ms. Suruchi Malhotra and other staff and students of the School in Numaligarh, Golaghat district on 14th July, 2023



A Cyclothon was organized on 15th July, 2023 with a mass participation of around 90 participants at Bokakhat in Golaghat district



Plantation Drive organised at Jackson Grant, Bokial at NRL's Water Hyacinth Common Centre in Golaghat district on 15th July, 2023



Distribution of 'NRL Swachhata Pakhwada 2023' Notepads across Offices of NRL on 15th July, 2023

MoU with IWAI for transportation of Petroleum Product Cargo using IWAI Jogighopa Jetty



The MoU is aimed at powering PM Gati Shakti National Master Plan to boost India's Act East Policy and unlocking the huge potential of Hydrocarbon Vision 2030 for North East. *Union Minister of Ports, Shipping & Waterways and Ayush, Sarbananda Sonowal* termed it as a watershed moment for promotion of EXIM trade of the Northeast India region.

NRL is currently implementing a project for expansion of its refinery from 3.0 to 9.0 MMTPA at an approved cost of more than Rs. 28,000 crore which is scheduled for completion by early 2025. NRL has also initiated the process of implementing a project for setting up a petrochemical plant at a cost of Rs. 7,231 crore.

As part of the project, NRL shall transport over 16 Over Dimension Consignment/Overweight Consignment (ODC/OWC). 6 ODC packages have already been transported successfully from major industrial hubs in western India to NRL project site via the Haldia Port and through the IBPR and NW2. The weight of cargo transported till now amount to approximately 4,500 Metric Tonnes and if it was transported via roadways would have required about 300 trucks.

NRL envisages to export 200 TMT of products per annum to Bangladesh through IWAI's jetty in Jogighopa comprising diesel, petrol, solvent and polypropylene after commissioning of the expanded refinery and petrochemicals plant.



MoU Signing ceremony

NRL signed an MoU with Inland Waterways Authority of India (IWAI) for transportation of petroleum products of NRL to Bangladesh and beyond through IWAI's upgraded jetty in Jogighopa in lower Assam. The MoU was signed by Shri Subrata Das, Chief General Manager (Marketing), NRL and Shri A. Selva Kumar, Director, IWAI in Guwahati on 24-08-2023.

The MoU signing event was graced by Shri Sarbananda Sonowal, Hon'ble Union Minister for Ports, Shipping & Waterways and Ayush; Shri Rameshwar Teli, Hon'ble Union Minister of State for Petroleum & Natural Gas and Labour & Employment; Shri Parimal Suklabaidya, Hon'ble Minister of Transport, Excise & Fisheries, Government of Assam; and Shri Bimal Borah, Hon'ble Minister of Industries & Commerce and Public Enterprises, and Cultural Affairs, Government of Assam. Dr. Ranjit Rath, Chairman NRL and CMD OIL, Shri Bhaskar Jyoti Phukan, Managing Director, NRL, Shri Sanjay Bandopadhyaya, Chairman IWAI and senior officials of NRL & IWAI were also present on the occasion.

NRL will also set up POL Oil Terminal at Jogighopa Multi Modal Logistics Park (MMLP) with rail connectivity. NRL has applied to Assam Industrial Development Corporation (AIDC) for allocation of 40 Acres of land nearby the Jogighopa Multi Modal Logistics Park with a provision of getting connected to nearest Railway station at Jogighopa; NRL shall erect the Storage, loading and unloading facility; with a view for realisation of a vision to transport 10,000 MT of Petroleum & petrochemicals products per month through NW - 2 and IBPR from IWAI jetty at the Jogighopa MML Park.

Collaboration between NRL and IWAI is expected to provide a boost to the Gati Shakti initiative and Act East Policy of the Government of India.

Earlier, NRL and IWAI had signed an MOU on 26th August 2021 for transporting ODC and OWC through maritime route utilizing the National Waterways. The first of such consignment was received at a jetty near Numaligarh by the Hon'ble Union Minister of Ports, Shipping & Waterways in mid-June this year.

MoA with IIT Guwahati

NRL, as a part of its R&D initiative, signed a Memorandum of Agreement with IIT-Guwahati on 30th August, 2023, to develop technology for production of marketable Grade Green Activated Carbon from bamboo dust.

The agreement was signed by Sr CGM (Corporate Affairs), Mr. Nikunja Borthakur and Dean IISI, IIT Guwahati Prof. G Krishnamoorthy, in presence of Director (Finance) NRL Mr. Sanjay Choudhuri; IITG Prof. Senthilmurugan Subbiah and senior officials from NRL and IIT Guwahati.

Bamboo dust will be generated while preparing bamboo chips for the 2nd Generation Bio-Refinery being setup by NRL through its JV

company, Assam Bio-Refinery Private Limited. As part of the project, a plant of capacity 5 MT/batch will be set up to produce green activated carbon by pyrolyzing bamboo dust. This R&D project is also aimed towards development of technology for production of very high grade chemically activated carbon having application in pharmaceutical, electronics and mining industries.



Pipeline news

Assam



SV-70 land registration completed in Biswanath district, Assam on 14th September, 2023.



Handing over of hopper tipper dumper to Kokrajhar Municipality Board, Bodoland Territorial Region (BTR) by GMS Project Pipeline, Mr. K. Hussain and Mr. L D Kalita on 31st August, 2023

Major HDD Works completed- Out of 18 major HDDs, three (03) HDD works have been successfully completed in this quarter, in Bargang river, Jia Bhareli river and Pachnai river



Bargang river



Jia Bhareli HDD 6 inch conduit pulling

Odisha



NRL Director (Finance) Mr. S. Choudhuri and EIL Director (Projects) Mr. Rajeev Gupta being welcomed at Crude Oil Import Terminal (COIT) office in Paradip on 21st September 2023 for the Apex Progress review meeting of COIT



Bird eye view for Crude Oil Import Terminal (COIT) as on September, 2023



Mechanical works being carried out in full swing at Tank 409 & 410 (COIT Paradip) during September, 2023

West Bengal (Part-I)- Jharkhand



Pilling works by M/s GDC inaugurated at IPPS-01 at Bardhaman by Director(Finance) Mr. Sanjay Chaudhuri in the presence of CGM (project) i/c Mr. Girish Kr. Borah and Head(Project Pipeline) Mr. P J Sarma on 23rd September, 2023

West Bengal (Part-II) SMT- Bihar



Mainline Pipe dumping & stringing works started at site (Ch. 866 Km) Laldas, Darjeeling on 27th July, 2023

SMT- Augmentation work



Fabrication of Tank Bottom, Annular, and Shell plates for Tank No. 0703 (MS), 1601 (SLOP) & 1602 (SLOP) completed



Anode laying for CP system along with PVC liner and Leak detection pipes laying completed in Tank No. 0703



Erection of 45 barricading structure has been completed in the New Tank Farm area



All the RCC columns for the 33 kVA substation building up to first-floor height have been accomplished during this quarter

SMT Snippets

As per the Disaster Management Plan of India Bangladesh Friendship Pipeline of NRL, an Off-site mock drill and awareness programme was conducted on 26th September, 2023, at IBFPL Ch+0.55 at Narayan Jote, Rangapani, Dist.: Darjeeling. Mock Drill



considering pipeline leakage was conducted in assistance with Mutual Aid partners like OIL , IOC etc. It was also attended by representatives of District administration, SIB, Border Security force, Shastra Seema Bal etc. Shastra Seema Bal also conducted Security threat drill in the pipeline involving Bomb Disposal squad & armed Guards.

An awareness session was also organized for nearby villagers to get them aware about the Do's & Don'ts of Pipeline safety.



CSR Snippets



On 21st July, 2023, 8 tractors and various other necessary equipment including trailer, cage wheel, cultivator spring, hood assembly and MB plough were distributed among 8 different group of farmers at NRL Township in presence of senior officials of NRL and Krishi Vigyan Kendra, Golaghat



Under 'Project Parichannata-Nirmal Chachar', NRL handed over 3 nos. of garbage handling vehicles each to Barpathar and Sarupathar Municipality Boards on 9th August, 2023. The event was graced by Shri Biswajit Phukan, Hon'ble MLA Sarupathar

Activities carried out by Fire & Safety Department during the period of July' to Sept' 2023

Photo Gallery

Photo 1, 2	Presentation on digital initiatives of Fire & Safety Department, NRL was given to officials from IOCL on 7 th July' 2023.
Photo 3	BA Set training conducted at Electrical Sub-Stations on 21 st and 22 nd August' 2023

Photo 4, 5	CPR Training for CISF Personnel was conducted on 13 th September' 2023 in consultation with OHC Doctor.
Photo 6, 7	Level-2 emergency mock drill was conducted at OM&S on 29 th September' 2023.



Global Biofuels Alliance (GBA)

India will show the world a new path on biofuel through Global Biofuels Alliance: Petroleum Minister Shri Hardeep Singh Puri

India will show the world a new path on biofuels through Global Biofuels Alliance, stated Shri Hardeep Singh Puri, Minister of Petroleum & Natural Gas and Housing & Urban Affairs. Expressing his views through a series of posts on social media platform 'X' the Minister noted that following the mantra of 'Vasudhaiva Kutumbakam', this effort of Prime Minister Shri Narendra Modi will definitely reduce the dependence on petrol and diesel across the world.

Creating history in the global energy sector, Prime Minister Shri Narendra Modi announced the launch of Global Biofuels Alliance (GBA) on the sidelines of the G20 Summit yesterday. 19 countries and 12 international organisations have already agreed to join the alliance.

GBA is an India-led Initiative to develop an alliance of Governments, International organizations and Industry to facilitate adoption of biofuels. Bringing together the biggest consumers and producers of biofuels to drive biofuels development and deployment, the initiative aims to position biofuels as a key to energy transition and contribute to jobs and economic growth.

Shri Hardeep Puri observed that world's quest for cleaner & greener energy has gained historic momentum with launch of GBA on sidelines of the G20 Summit.

The Indian Petroleum and Natural Gas Minister expressed his gratitude to Ms Jennifer Granholm, Secretary of Department of Energy, US; Mr. Alexandre Silveira, Energy Minister of Brazil; & Dr Evandro Gussi President & CEO of UNICA Brazil for germinating the seeds of forming Global Biofuels Alliance.

Shri Hardeep Singh Puri noted that the visionary Global Biofuels Alliance supported by G20 Nations & energy related global organisations like International Energy Agency (IEA), International Civil Aviation Organization (ICAO), World Economic

Forum (WEO), and World LPG Association among others will strengthen global biofuels trade & best practices allowing the members to successfully face the Energy Quadrilemma. This will bolster the transformation of our farmers from 'Annadatas to Urjadatas' as an additional source of income. In last 9 year we have given ₹71,600 cr to our farmers. With E20 implementation by 2025, India will save about ₹45,000 cr in oil imports & 63 MT of oil annually, he added.

GBA will support worldwide development and deployment of sustainable biofuels by offering capacity-building exercises across the value chain, technical support for national programs and promoting policy lessons-sharing. It will facilitate mobilizing a virtual marketplace to assist industries, countries, ecosystem players and key stakeholders in mapping demand and supply, as well as connecting technology providers to end users. It will also facilitate development, adoption and implementation of internationally recognized standards, codes, sustainability principles and regulations to incentivize biofuels adoption and trade.

The initiative will be beneficial for India at multiple fronts. GBA as a tangible outcome of the G20 presidency, will help strengthen India's position globally. Moreover, the alliance will focus on collaboration and will provide additional opportunities to Indian industries in the form of exporting technology and exporting equipment. It will help accelerate India's existing biofuels programs such as PM-JIVANYojna, SATAT, and GOBARdhan scheme, thereby contributing to increased farmers' income, creating jobs and overall development of the Indian ecosystem. The global ethanol market was valued at USD 99.06 billion in 2022 and is predicted to grow at a CAGR of 5.1% by 2032 and surpass USD 162.12 billion by 2032. As per IEA, there will be 3.5-5x biofuels growth potential by 2050 due to Net Zero targets, creating a huge opportunity for India.

Picture speak



Buzzing Bees- NRL Creche building inaugurated by MD Mr. B.J. Phukan on 15th August, 2023 in presence of DF Mr. Sanjay Choudhuri and NRL employees



Principal Chief Commissioner of Income Tax, North Eastern Region, Mr. Raju Tayeng, IRS calls on MD NRL Mr. B J Phukan at NRL Corporate Office in Guwahati on 8th September, 2023



Mr. Sailesh, IAS (Retd.), Member PESB addressing officers in NRL Corporate Office on 8th September, 2023

Achievers

Head (ESG), Ms. Geetali Kalita made two digital presentations, one on 'Waste Ammonia recovery value addition in adjacent Bio-refinery' and 'Greening of energy supply chain with Bio-ethanol in a sustainable model' at the 24th World Petroleum Congress which was held in Calgary, Canada from 17th to 21st September, 2023 on the theme *Energy Transition -Path to Net Zero*,



With team of OIL and NRL led by CMD OIL

sharing the dias with officials and leaders from oil and gas across the globe.

This triennial prestigious conference is organized by the World Petroleum Council - the world's premier oil, gas and energy forum since 1933, also known as 'Olympics' of Petroleum industry globally.

DGM (TS-PROCESS TECH), Mr. Pankaj Kumar Roy has been awarded the 2nd Runner's up trophy in Snooker Competition held at Noonmati Officer's Club of Guwahati Refinery on 23rd and 24th September, 2023, where officers from IOC Guwahati, IOC Bongaigaon, IOC Digboi and OIL-Narengi also took part.



SM (OPS-DHDT) Ms. Nandini Goswami has been awarded with the Best Leadership & Initiative Skills Award on 30th September 2023 at the D. N. Barua Memorial Annual Managers' Competition held on 29th September 2023 in Guwahati. Young managers from different PSUs and other organisations participated wholeheartedly in the competition. A panel of jury comprising former Director, IOCL, Mr. Siddhartha Baruah; Director, Assam Institute of Management, Dr. Sanjib Raj and former Principal Secretary, Assam, Hemanta Narzary, IAS (Retd.) selected the awardees.



Hearty Congratulations to the Achievers!

Superannuation

Mr. Khagendra Kumar Nath, Boiler Operator superannuated from the services of NRL on 30th September, 2023.

New recruits

Management Trainee

Sl. No.	Name	Designation	Joined
1	Ruchir Bhattacharyya	GET (Civil)	July 2023
2	Abhimanyu Giri	GET (Mechanical)	July 2023
3	Saurabh Tiwari	GET (F&S)	July 2023
4	Vikrant Gautam	GET (F&S)	July 2023
5	Jyotika Bhowmik	GET (Chemical)	August 2023
6	Ayushman Bhuyan	GET (Chemical)	August 2023
7	Vishal Basfore	GET (Chemical)	August 2023
8	Hriday Ranjan Kalita	GET (Mechanical)	August 2023
9	Pramit Roy	GET (Civil)	August 2023
10	Udipta Gogoi	GET (Electrical)	August 2023
11	Mriganka Mandal	GET (Electrical)	September 2023
12	Harsh Upadhyay	GET (Mechanical)	September 2023

Non-Management Trainee

Sl. No.	Name	Designation	Joined
1	Ashish Sarmah	Engineering Assistant (Operation) – Trainee	July 2023
2	Antarip Kashyap	Engineering Assistant (Operation) – Trainee	July 2023
3	Tanmay Saikia	Engineering Assistant (Operation) – Trainee	July 2023
4	Ritam Raj Dutta	Engineering Assistant (Operation) – Trainee	July 2023
5	Ritriz Duarah	Engineering Assistant (Operation) – Trainee	July 2023
6	Anupam Saikia	Engineering Assistant (Operation) – Trainee	July 2023
7	Dipangkar Duwarah	Engineering Assistant (Operation) – Trainee	July 2023

Sl. No.	Name	Designation	Joined
8	Golap Das	Engineering Assistant (Operation) – Trainee	July 2023
9	Atal Das	Engineering Assistant (Operation) – Trainee	July 2023
10	Kanitkar Morang	Engineering Assistant (Operation) – Trainee	July 2023
11	Gaurav Pradhan	Engineering Assistant (Operation) – Trainee	July 2023
12	Debajit Kumar	Engineering Assistant (Mechanical) Diploma Trainee	July 2023
13	Pinku Saikia	Technical Assistant (Fitter) – Trainee	July 2023
14	Profulla Doley	Technical Assistant (Fitter) – Trainee	July 2023
15	Anujpol Hatiboruah	Fireman Trainee	July 2023
16	Pankaj Sharma	Fireman Trainee	July 2023
17	Rajarshi Loing	Engineering Assistant (Operation)-Trainee (Category II)	July 2023
18	Probal Priyanka Saikia	Engineering Assistant (Operation)-Trainee (Category II)	July 2023
19	Aditya Darshan Bhuyan	Engineering Assistant (Chemical) Diploma Trainee	July 2023
20	Monjeet Saikia	Engineering Assistant (Chemical) Diploma Trainee	July 2023
21	Amrit Gogoi	Technical Assistant (Electrical) Trainee	July 2023
22	Mridupabon Boruah	Technical Assistant (Electrical) Trainee	July 2023
23	Rahul Das	Boiler Operator Trainee	July 2023
24	Himangshu Pathak	Boiler Operator Trainee	July 2023
25	Mousum Saikia	Engineering Assistant (Operation) – Trainee	July 2023

Welcome to the NRL family!

Looking at Feminism through Media Lens

Anushka Baruah

(Student) Kamala Nehru College, University of Delhi
D/O Amitabh Kumar Barua, Sr. Officer (HR)

The world of media is one of the most influential aspects of all of our lives. Millions of people are connected worldwide, sharing their perspectives. It's a place that consists of both positive and negative aspects, and the power of words shines brightly through. If we have to talk about feminism in the world of media, it differs. Some have one sort of perspective, while others are against it. First, let us understand what feminism is. It is the equal status between men and women. However, the whole concept of it is often taken in a negative aspect, with no understanding of what it truly means. There are people in the world of media, who will share some criminal instances that happened to men, for example, and without any proper stats, there will be a blast of comments about 'where are all the feminists now?' or 'if this happened to a woman, then there would've been candle marches by now', etc. The most important thing that people often miss out on is that gender is not the issue here. The crime was committed against a human being, which affected the humanism of society. Any crime against any individual is inhumane, irrespective of gender. However, there are also some so-called 'feminists' who will only share or talk about instances that happened to men or women. This is what is known as 'pseudo-feminism'. Feminism has found its ways to express itself through the media. Media encourages a more level playing field, allowing the voices of women from a wider range of backgrounds

and nations, with or without traditional authority, to be heard, even though women are generally underrepresented in the media, including traditional media. Around 37% of the bylines are produced by women as mentioned in the 2017 Women's Media Report. Media has the power to influence people both positively and negatively, whereas feminism hangs in the middle. This very concept seems like it's easy to crack, but in reality, it's a tough one, as it varies from person to person. Just as there are gendered hurdles for women in public spaces, there are gendered barriers for women online, from online harassment to heightened exposure

that might result in targeted repression. The misinterpreted or false portrayal of feminism through the media can influence a person in the wrong direction. Knowing the true meaning of feminism now requires an understanding of the history of the feminist movement. The Seneca Falls Gathering, held in 1848, functioned as the first recognized convention for women's rights. They came up with 11 resolutions that highlighted how laws that denied women the right to vote rendered them less valuable than men. The convention was attended by both men and women. The convention symbolizes the start of the struggle for equality of men and women in the United States, even though women would not be given the right to vote until the 19th Amendment was approved in 1920. If we look into the modern portrayal of feminism in India, it is described as something 'angry', someone who will only bring the negative aspect of it and have a



very negative or darker perspective. The distorted perception of what it means to be a feminist has been greatly influenced by the media. Because of the negative connotation attached to the term, some women refrain from referring to themselves as feminists. Men have also experienced humiliation as a result of the media's portrayal of feminism. Men cannot be feminists, according to some media outlets. According to a Bright Magazine editorial piece, feminism is a 'lived experience' that men are unable to understand. Men should support feminist causes, the columnist contends, but they shouldn't identify as such. The whole idea of men not being associated with feminism does not make them 'manly'. Only 22% of American men surveyed in 2016 stated they would consider themselves feminists. It is concerning that so many guys are scared to identify themselves as feminists. Instead of trying to convince males that supporting women's rights is 'unmanly,' the media could opt to concentrate on the actual problems being raised. Despite the media's shortcomings, it's crucial to recognize what it has done for the feminist cause in a positive way. Due to the media's ability to inform and interact with people worldwide, feminist voices have been able to reach audiences

far more widely. Social issues have got a wide range of new audiences thanks to this type of media attention. Let's take a look into the #MeToo Movement, where the voice of millions of women, their struggles, their assaults, and every other inhumane suffering they have gone through have been heard by millions, only because of the media. It focused on elevating women's voices and exhorted females everywhere to raise issues of gender inequity. It raised concerns about gender stereotypes, sexual harassment, unequal representation, and power relations. The media was able to widely disseminate these women's tales and draw attention to the current problems. The issue of gender inequality between men and women has been something that has been going around for ages, and the media, therefore, plays an important role in making people aware of that. Despite its negative view, it has been responsible enough to make people understand what feminism is in reality. It is very important to look into the inaccuracies related to feminism and its stereotypes in the media so that we can fully understand and focus on the core issues brought up by the feminists of today.

From the Archives



News in pictures



On 1st July, 2023, **Rabhar Abha** program was celebrated at Rangchali Club followed by a music workshop by eminent artist Diganta Bharati



Independence day celebration at Rangchali Aquatic Centre on 15th August, 2023



Club Foundation Day was celebrated on 16th July, 2023 with the hoisting of 25 flags



Cake cutting ceremony to celebrate the Foundation Day of Rangchali Club on 16th July, 2023

BM Khaitan Memorial Inter School Chess Tournament 2023

DPS Numaligarh bagged the Champion's trophy in the under-17 category of BM Khaitan Memorial Inter School Chess Tournament organised by Assam Valley school. The team comprised of Nirban Das (X-B), Rishi Deb Roy (IX-A), Aaran Dutta (VII-B), and Darshil Das (III). Congratulations to the team!



Experiential Learning for Teachers

A Capacity Building Programme (CBP) on 'Experiential Learning for Teachers' was conducted in DPS Numaligarh on 23rd and 24th August 2023. Shri Partha Sarathy Sarkar, Principal, DPS Nazira and Ms. Meenakshi Duara, Headmistress, DPS Nazira were the Resource persons for the workshop. A total of 37 teacher delegates from different school, including the host school, participated in the programme. The main features of the two-day workshop dealt with the transformation of the pedagogical processes of teaching-learning in schools as the crucial intervention to make the students future ready.

Experiential Learning is a process through which students develop knowledge, skills and values from direct experiences outside a traditional academic setting. With the increased significance and thrust in education for acquiring 21st century skills, Experiential Learning has gained momentum. It is the forerunner in making the educational system learner centric and the pedagogy creative and joyful.



The various non-traditional methods of gaining experiential learning through natural consequences, mistakes and successes were discussed. Emphasis was laid on the Kolb's Cycle to achieve the basic model of experiential learning, 'do- reflect- decide'. The three learning domains of Bloom's Taxonomy- Cognitive, Affective and Psychomotor domains were discussed at large. Elaborate activities were conducted that encouraged the participants to involve themselves enthusiastically.

The workshop was a rejuvenating experience for all that equipped the participants to garner the skills of experiential learning so as to be able to conduct similar experience for future learners.

Celebration of 77th Independence Day in Delhi Public School Numaligarh

Delhi Public School, Numaligarh celebrated 77th Independence Day, which was themed as *Nation First, Always First under the Azadi Ka Amrit Mahotsav* celebration on 15th August 2023. The school campus was beautifully decorated with little tricolours and ribbons. The school is immensely proud to introduce the 1st batch of Boys NCC the year. The Head Girl of the school Vasundhara Dev welcomed everyone present for the

function. The flag was hoisted by the respected Principal Mr. U.C. Harbola and then the National Anthem was sung by everyone together.

After that Naman Choudhary, a student of Class XI-Commerce recited a Hindi poem 'जश्र मनाए' composed by Mrs Anupa Harbola, teacher of the School. Mrs Mouchmee Gayan, one of our teacher delivered a speech in Hindi.



Principal Mr. U.C Harbola addressed the gathering with his motivational words. He advised the students to be dedicated and honest with their work.

No Bag Days

Following the guidelines of NEP 2020, DPSN is observing NO BAG DAY from the beginning of the session. The day of 12 August, 2023 (Saturday), the senior school campus was buzzing with two competitions – PPT Competition (VI-VIII) and Gizmo Geek (IX-XII). This was followed by a yoga session was conducted by Shri Chandra Bhusanji. The students were instructed to bring their own yoga mats. After the yoga session, Mrs. Mousumi Barman conducted an *Art of Living* session. Students enjoyed the session very well. They got highly inspired by the activities conducted by her.



'Mahapurush Srimanta Sankardeva' (No Bag Day)

In correlation with the Assamese Calendar *Bhada* that is celebrated as the 'Holy month' in Assam, DPS Numaligarh has conducted a special Assembly on 26th of August 2023 (8th of Bhada, 1431 Bhaskarabda) with the Theme of '*Mahapurush Srimanta Sankardeva*'. Mahapurush Srimanta Sankardeva is regarded as great revolutionary Social and cultural reformer in the state of Assam.

Various items were presented by the students of DPS Numaligarh at Kunjabon open stage. It was for the first time in the history of DPS Numaligarh when both Junior and senior wings came together to jointly present the school Morning Assembly. Students from Classes 1 to 12 took part in the Special Morning assembly. *Ghooxa* followed by *Borgeet* and *guru stuti* presented by class 1 to 3 students.

A skit was presented on *Gurujona's childhood* by the Primary and middle school students. Mahapurush Srimanta Sankardeva's early childhood and His divine talent was

showcased through the skit. The skit followed by a program '*Jakeri Nahike Upam*'. A wonderful programme was presented by middle school students that includes Borgeet and Diha Naam

Gurujona's another creativity '*Gayan Bayan*' was presented by junior and senior students that reflects how strong our culture

A spectacular '*Bhoor Taal Nritya*' was presented by senior girls that gave Goosebumps to everyone present there. The spectacular show came to an end with '*The Satriya Nritya*'; one of the greatest creation of Mahapurush Srimanta Sankardeva. This form of dance is also recognised as one of the eight classical dances of India. Senior girls performed the dance on the theme '*Dashavatara*'. The entire school stood for state song of Assam 'O Mur Apunar Dekh' before conclusion of the Special Assembly on Mahapurush Srimanta Sankardeva.



Hindi Diwas celebration

On the occasion of Hindi Diwas, a variety of programs based on the Hindi language were arranged for the students. The highlight of the event was the Hindi Talent Exhibition titled 'Khelo, Padho, Aur Badho' which captivated the attention of both children and teachers. This marked the first-of-its-kind and unique Hindi fair in the history of Delhi Public School, Numaligarh. Numerous competitions were held for the students on this occasion, including humorous recitation of Hindi poems, Story Telling, Patra Abhinay, Slogan Writing, Group Song, and Elocution contests. The series of events were meticulously organized, involving students from classes one to twelve, creating a lively and engaging atmosphere.



HEALTH TOPIC

Dr. Ranjan Kumar Mahanta

What is the best edible oil for us selecting healthy edible oil in the Indian context?

- In India, The oils are often subjected to high temperatures and stir-frying is a routine process in most of the food preparations.
- Exposure to high temperatures not only destroys antioxidants like vitamin E and β -carotene but also produces toxic compounds that may potentially harmful to our health.
- It is advisable to avoid refined oils, since during the refining process, oils are heated to high temperatures resulting in their degradation and generation of toxic substances and should be avoided for frying.
- Oils high in saturated fats (like ghee/coconut oil) can be used for Indian cooking, as they are comparatively stable during frying.

Healthy Mustard oil

- Mustard and rapeseed oils – due to their favorable LA/ALA ratio, low Saturated fatty acids (SFA), and high Monounsaturated fatty acids (MUFA) content along with their relative stability during cooking – can be a preferred choice.
- Mustard oil helps to lower LDL cholesterol, triglycerides and improve good cholesterol (HDL). It has anti-inflammatory, antibacterial and antifungal properties. It aids in digestion and circulation. It has a high smoking point, so it is suitable for frying
- As per recent studies, Mustard oil consumption can reduce the risk of CHD

Blending of edible oils

- Appropriate blending of edible oils (such as rice bran and safflower oil; coconut and sesame oil; canola and flaxseed oil) also appears to be a good option to reduce the plasma lipids, inflammation and, thus, the CHD risk.

Sunflower oil

- Sunflower oil is a great option as it is a good source of vitamin E. It contains all the essential nutrients that are required for a healthy body. The polyunsaturated (PUFA) in it helps in lowering cholesterol.
- Sunflower oil also reduces the risk of cardiovascular diseases, boosts the immune system, fights free radicals, which is especially good for cancer patients. It also promotes the proper functioning of nervous system.

Olive oil

- Olive oil is another great alternative as it contains a good amount of antioxidants that reduces pain in the joints as

well as lowers the risk of Parkinson's and Alzheimer's. This oil is said to have properties that assist in battling heart illnesses, for example, heart assault and heart stroke.

Rice bran oil

- Rice bran oil is rich in monounsaturated fatty acids and has cholesterol-lowering properties. Due to the presence of a component called oryzanol, it is effective in reducing cholesterol.

Flaxseed oil

- Flaxseed oil is another great cooking oil as it is loaded with the richness of omega 3 fatty acids. Omega 3 fatty acid is extremely beneficial for our health and is also important in cure and prevention of Crohn's Disease and colitis.

Groundnut oil

- Groundnut oil is extremely high in mono-unsaturated (MUFA) and polyunsaturated (PUFA), which help in lowering low-density lipoprotein (LDL) cholesterol. It's a good source of vitamin E, which is known to act as an antioxidant by protecting the skin from acne or cars.

Palm oil

- Palm oil is a rich source of antioxidants, carotenes and Vitamin E. It is a good ingredient for the cancer patients, and also for those suffering from Alzheimer's, arthritis, atherosclerosis and anti-aging.

Sesame oil

- Sesame oil is one great choice as it has a few restorative properties. Sesame oil is beneficial for diabetics and also brings down the circulatory strain. It enhances oral cleanliness and dental well being of a person. It also counteracts atherosclerosis, malignancy and battles misery.

Soybean oil

- Soyabean oil is high in poly-and monounsaturated fats and low in immersed fats. It additionally contains Omega 3 unsaturated fats, which lessens the danger of cardiovascular sicknesses.

Edible almond oil

- Almond oil for cooking counteracts two primary medical issues - Heart ailment and blood pressure. Almond oil enhances good cholesterol levels and also ensures protection against colon tumour

Deshi Ghee is better than coconut oil!

- Ghee is basically 'clarified butter' made from raw unsalted butter from which the water and milk solids are removed.

- Ghee has MUFA (monounsaturated fatty acids), which is better than PUFA (polyunsaturated fatty acid) found in oils like corn, sunflower, cottonseeds oils etc. Ghee is free of trans fats unlike other oils.
- It has a high smoke point, is free of lactose and casein, and is high in beneficial compounds like CLA and butyrate. It also contains several fat-soluble vitamins, including vitamins A, E and K.
- Ghee benefits include improving digestion, reducing inflammation, promoting weight loss, improves memory and strengthening the bones. Ghee reduces the glycemic index of meals, thus reduces insulin resistance and the incidence of PCOD, diabetes and obesity.
- Since ghee is rich in omega-3 fats (DHA), omega-6 (CLA) fat, and Conjugated linoleic acid (CLA) which are useful for weight loss and increase immunity.

Ghee or butter?

- Ghee has a slightly higher concentration of fat than butter and more calories (1 Tbsp. of ghee has 120 calories and 1 Tbsp. of butter has 100 calories).
- Butter is well known for its association with high cholesterol due to its hefty saturated fat content, according to the American Heart Association. While ghee is a lactose-

and casein-free fat and therefore beneficial for those with dairy sensitivities.

- Butter is high in calories and fat but also contains several important nutrients, including vitamins A and E and conjugated linoleic acid (CLA), a type of fat that may have cancer-fighting properties, help reduce body fat, and improve immune function

Which oil is right for us?

- That depends largely on the type of cooking we are doing. An oil's smoke point, which is the point when oil starts burning and smoking, is one of the most important things to consider. If oil is heated past its smoke point, it not only harms the flavor, but many of the nutrients in the oil degrade—and the oil will release harmful compounds called free radicals.
- Ghee is rich in natural antioxidants, composed mainly of short chain fatty acids, and its cholesterol fraction resists oxidation. The short chain fatty acids present in ghee are metabolized and used for energy immediately by the liver and resist being stored in the body as fat.
- To avoid increase risk of cardiovascular disease ghee or butter consumption should be restricted to less than 10% total calories.

Tips for cooking with healthy oils:

- The healthier oils like mustard oil, Olive oil, Peanut oil, Sunflower oil, Soybean are generally safe for most home-cooking uses, including higher temperature cooking such as stir-frying and pan frying. But deep-fat frying as a cooking method should be avoided.
- Any oil starts to degrade once it reaches its smoke point. So, if you accidentally let your oil smoke or catch fire, get rid of it and start over.
- If oil smells bad, don't use it. When an oil is stored too long it can become oxidized or rancid. It will have a distinct smell and should be discarded.
- Don't reuse or reheat any cooking oil.

News in pictures



Independence Day celebration at VKNRL Hospital on 15th August, 2023



Celebration of Universal Brotherhood Day on 11th September, 2023



First Aid Training imparted to nearby villagers from 10th to 12th July, 2023

नुमालीगढ़ रिफाइनरी में हिंदी कार्यशाला का आयोजन

दिनांक 11 अगस्त, 2023 को नुमालीगढ़ रिफाइनरी में कार्यरत ठेके कर्मचारियों के लिए 'हिंदी में आम बातचीत' शीर्षक पर एक अर्धदिवसीय हिंदी कार्यशाला का आयोजन एनआरएल के प्रशिक्षण केंद्र में सम्पन्न हुई। कार्यशाला का उद्देश्य ठेके कर्मचारियों को सरल हिंदी में कार्यालयों में आपस में आम बातचीत करने में सक्षम बनाना और झिझक दूर करना था। आमंत्रित संकाय सदस्य उत्तर-पूर्व विज्ञान एवं प्रौद्योगिकी संस्थान, जोरहाट के हिंदी अधिकारी श्री अजय कुमार जी ने प्रतिभागियों को शुद्ध व्याकरण सहित आम बातचीत करने की कई आसान तरीके बताए। कार्यशाला के उद्घाटन सत्र में महाप्रबंधक (प्रशासन व सुरक्षा) श्री विद्युत बुढ़ागोहॉई जी उपस्थित रहकर प्रतिभागियों का हौसला बढ़ाया। इस अवसर पर अप्रैल-जून, 2023 तिमाही के दौरान आयोजित 'हिंदी ईमेल' प्रतियोगिता की विजेता प्रतिभागियों को पुरस्कार प्रदान किया गया। कार्यशाला में कुल 35

प्रतिभागियों ने उत्साहपूर्वक भाग लिया। कार्यशाला का समापन श्री गौरव दास, वरिष्ठ प्रबंधक(मानव संसाधन) जी के धन्यवाद ज्ञापन से हुआ।



कार्यशाला में प्रतिभागियों का एकांश

61वीं नगर राजभाषा कार्यान्वयन समिति(उपक्रम) की बैठक में अंशग्रहण

इंडियन ऑयल कॉर्पोरेशन लिमिटेड, गुवाहाटी रिफाइनरी की अध्यक्षता में 61वीं नगर राजभाषा कार्यान्वयन समिति (उपक्रम) की बैठक दिनांक 21.07.2023 को गुवाहाटी रिफाइनरी के जुबिली हॉल में आयोजित हुई। बैठक के दौरान भारत सरकार, राजभाषा विभाग, गृह मंत्रालय के प्रतिनिधि श्री निर्मल कुमार दुबे, सहायक निदेशक(कार्यान्वयन) की उपस्थिति में सभी नराकास सदस्य कार्यालयों की तिमाही रिपोर्ट के आधार पर प्रस्तुत पीपीटी के जरिए राजभाषा कार्यान्वयन की समीक्षा की गई। इस अवसर पर नराकास(उपक्रम) की वार्षिक हिंदी पत्रिका 'प्रागज्योतिका' का भी निर्मल कुमार दुबे जी और नराकास(उपक्रम)

के अध्यक्ष श्री जी.के. गोयारी जी के करकमलों से विमोचन किया गया। इस पत्रिका में अपना मौलिक रचना प्रस्तुत कर नुमालीगढ़ रिफाइनरी के कुल तीन कर्मचारियों ने पुरस्कार अर्जित की। उनमें से श्री शिव कुमार, अधिकारी(पीआरजे-पाइप) को यात्रा वृत्तांत में प्रथम पुरस्कार, श्री स्वर्णोत्तपल काश्यप, वरिष्ठ अधिकारी को कहानी में और श्री अजय प्रताप सिंह, वरिष्ठ अधिकारी को यात्रावृत्तांत में द्वितीय पुरस्कार प्राप्त हुआ और श्रीमती कावेरी हाजारिका को लेख और कविता लेखन हेतु प्रतिभागिता पुरस्कार प्रदान किया गया।

नुमालीगढ़ रिफाइनरी में हिंदी पखवाड़ा का आयोजन

प्रति वर्ष की तरह नुमालीगढ़ रिफाइनरी में इस वर्ष भी दिनांक 16 सितम्बर, 2023 से 29 सितम्बर, 2023 तक हिंदी पखवाड़ा बड़े ही हर्षोल्लास के साथ मनाया गया। इस वर्ष राजभाषा विभाग, गृह मंत्रालय, भारत सरकार के निदेशानुसार उनके आह्वान पर दिनांक 14.09.2023 को हिंदी दिवस देश के अन्य संगठनों के साथ पुणे, महाराष्ट्र में मनाया गया जिसमें केरल के राज्यपाल महामहिम आरिफ मोहम्मद खान जी मुख्य अतिथि के रूप में उपस्थित रहकर समारोह का गौरव बढ़ाया।

नुमालीगढ़ रिफाइनरी में पखवाड़े के दौरान नुमालीगढ़ रिफाइनरी के कर्मचारियों, जीवन साथियों, केंद्रीय सुरक्षा बल और स्कूली बच्चों के लिए विभिन्न प्रतियोगिताएं आयोजित की गईं जैसे – कर्मचारियों के लिए ई-नोटिंग व ड्राफ्टिंग, ई-अनुवाद, ई-मेल प्रतियोगिताएं, सभी वर्गों के लिए कविता, लेख, कहानी, यात्रा वृत्तांत और पुस्तक समीक्षा लेखन प्रतियोगिताएं और डीपीएस और प्रयास विद्यामंदिर के स्कूली बच्चों के लिए कविता पाठ, कहानी वाचन, पाठ अभिनय, नारा लेखन, समूह गान और आशु भाषण प्रतियोगिताएं आयोजित की गईं। दिनांक 29 सितम्बर, 2023 को आयोजित समापन समारोह श्री विद्युत बुढ़ागोहॉई, महाप्रबंधक(प्रशासन व सुरक्षा) के स्वागत भाषण से हुई जहां सभी उपस्थितगण को राजभाषा शपथ श्री आदेश यादव द्वारा पाठ कराया गया। इसी अवसर पर हिंदी दिवस विशेषांक 'एनआरएल ई-पत्रिका' का पंचम अंक श्री गोपाल शर्मा जी, आरसीई के करकमलों से डिजिटल विमोचन किया गया। इसके अतिरिक्त श्री हेमंत नाथ, मुख्य महाप्रबंधक(अनुरक्षण) प्रभारी के करकमलों से डेस्क टॉप आकार के प्रशासनिक शब्दावलियों का लीपलेट

लोकार्पण किया गया और उपस्थित सभी को वितरित किया गया। श्री गोपाल दास जी ने अपने अध्यक्षीय संबोधन में राजभाषा नीतियों का अनुपालन करना राष्ट्रीय स्वाभिमान व सांस्कृतिक गौरव का विषय बताया और कार्यालय में हिंदी प्रयोग को बढ़ावा देने के लिए सभी से अपील की। कार्यक्रम के अंतिम चरण में हिंदी पखवाड़े के दौरान आयोजित प्रतियोगिताओं की सभी विजेता प्रतिभागियों को उपस्थित सभी उच्च अधिकारीगण के करकमलों से पुरस्कार प्रदान किया गया। अंत में सुश्री नीतु कुमारी के धन्यवाद ज्ञापन से समापन व पुरस्कार वितरण समारोह का सफल समापन हुआ।



महामहिम केरल के राज्यपाल जी का संबोधन



हिंदी दिवस शपथ पाठ



डेस्क टॉप प्रशासनिक शब्दावलिओं का लीपलेट लोकार्पण



एनआरएल ई-पत्रिका का विमोचन



पुरस्कार वितरण



अध्यक्ष महोदय का संबोधन



एन.आर.एल. दिल्ली कार्यालय में 14 सितम्बर, 2023 से 29 सितम्बर, 2023 तक हिन्दी पखवाड़ा मनाया गया जिसमें विभिन्न प्रतियोगिताओं का आयोजन किया गया। पखवाड़े का समापन समारोह, पुरस्कार वितरण एवं हिन्दी कार्यशाला के साथ सम्पन्न हुआ जिसकी अध्यक्षता श्रीमति शोभना श्रीवास्तव, उप-निदेशक (ओ.एल.), पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय द्वारा की गयी।

नुमालीगढ़ रिफाइनरी में तिमाही 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 लिए नियमित रूप से आयोजित की जा रही त्रैमासिक ई-मेल प्रतियोगिता की जनवरी-मार्च, 2023 तिमाही की विजेता कर्मचारीगण की सूची निम्नवत है -

क्रम सं.	पुरस्कार	विजेता प्रतिभागियों का नाम
1.	प्रथम	श्री अलीन्द्र बर्मन, सचिव-सीजीएम(मा.सं. व विधि)
2.	द्वितीय	श्री सिराजुल मन्त्रान राजवी, अधिकारी(एनआरएमटी)

3.	तृतीय	1. श्री रितु हाती बरुवा, अधिकारी(वाणिज्य) 2. श्री पंकज छेली, कार्यालय सहायक,
4.	प्रतिभागिता पुरस्कार	1. श्री स्वर्णोत्पल काश्यप, वरिष्ठ अधिकारी(ओपीएस- एसआरबी) 2. श्री अजय प्रताप सिंह, वरिष्ठ अधिकारी(ओपीएस- एसआरबी)

মানপত্ৰ প্ৰদান

২ ৬/০৯/২০২৩ঃ নুমলীগড় শোখনাগাৰ শাখা সাহিত্য সভাৰ শোভাযাত্ৰাত অংশগ্ৰহণ কৰা দলটিক সুধাকৰ্ণ ড° ভূপেন হাজৰিকাৰ ৯৭ সংখ্যক জন্মজয়ন্তী 'সম্বয় দিৱস' উদযাপন আয়োজক সমিতিয়ে শোখনাগাৰ শাখা সাহিত্য সভাৰ সভাকক্ষলৈ আহি মানপত্ৰ প্ৰদান কৰে। উদ্যোক্তা সকলৰ এনে মহৎ কাৰ্যত সভাই সন্তোষ ও কৃতজ্ঞতা প্ৰকাশ কৰে।



গোলাঘাটৰ চৈয়দ আব্দুল মানিক ভৱনত গোলাঘাট জিলা সাহিত্য সভাৰ পূৰ্ণাংগ কাৰ্যনিৰ্বাহক সভা অনুষ্ঠিত হৈ যায়। নুমলীগড় শোখনাগাৰ শাখা সাহিত্য সভাৰ কেইবাগৰাকী বিষয়ববীয়াই অংশগ্ৰহণ কৰা উক্ত সভাত বহুকেইটা বৌদ্ধিক দিশত আলোচনা, কৰ্মপত্ৰ আৰু প্ৰস্তাৱেৰে সভাৰ সফল সামৰণি পৰে।



ভূপেন হাজৰিকা সাংস্কৃতিক ন্যাসৰ উদ্যোগত, গোলাঘাটবাসী ৰাইজ আৰু দেৱৰাজ বয় মহাবিদ্যালয়ৰ সহযোগত ভূপেন হাজৰিকাৰ ৯৭ সংখ্যক ওপজা দিন উপলক্ষে সম্বয় দিৱস সাংস্কৃতিক শোভাযাত্ৰাৰ দৃশ্যাংশ।



নুমলীগড় শোখনাগাৰ শাখা সাহিত্য সভাৰ উদ্যোগত সুধাকৰ্ণৰ ৯৭ সংখ্যক ওপজা দিন উদযাপন

‘দোকমোকালি’ উন্মোচন

৩/০৯/২০২৩ঃ নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ চাৰিমহীয়া বাৰ্তালোচনী ‘দোকমোকালি’ৰ একাদশ বছৰ: প্ৰথম সংখ্যা উন্মোচন কৰি তত্ৰ গধুৰ ভাষণ ৰাখে অসম মহিলা বিশ্ববিদ্যালয় আৰু অসম কৃষি বিশ্ববিদ্যালয়ৰ পঞ্জীয়ক, এ ছি এছ বিষয়া শ্ৰীযুত তপন কুমাৰ গোস্বামী ডাঙৰীয়াই। শাখা সভাৰ সভাকক্ষ ‘অন্বেষণ’ত আয়োজন কৰা সভাৰ আত্মধৰে সম্পাদক অজিত কুমাৰ দাসে আৰু সভাপতিত্ব কৰে শ্ৰীযুত হেমন্ত কুমাৰ নাথ ডাঙৰীয়াই। ‘দোকমোকালি’ৰ বিষয়ে বিতং ব্যাখ্যা কৰে পত্ৰিকা সম্পাদক শ্ৰীযুত প্ৰণৱজ্যোতি শইকীয়াই। অনুষ্ঠানত জ্যোৎস্না দিহিকীয়াৰ কবিতা আবৃত্তি আৰু সঞ্জীৱ দাসৰ গীতে সকলোকে আমোদ দিয়ে। গোলাঘাট জিলাৰ সাহিত্য সভাৰ চিঠিলিখা প্ৰতিযোগিতাত পুৰস্কাৰপ্ৰাপ্ত চিঠি মাধুৰীমা বৰা আৰু স্বৰচিত গল্প পাঠ



কৰে অঞ্জু শইকীয়াই। অনুভৱ ব্যক্ত কৰে ৰূপজ্যোতি হাজৰিকা, দিনেশ দাস, থানেশ্বৰ দাস, অপূৰ্ব মজুমদাৰ আৰু অসীম ৰাজখোৱাদেৱে। শলাগ জ্ঞাপন কৰে মনোজ কুমাৰ দাসে।

কৃতি ছাত্ৰ-ছাত্ৰীৰ অভিনন্দন অনুষ্ঠান



১/০৭/২০২৩ঃ বিগত বৰ্ষসমূহৰ দৰে এইবেলিও নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ উদ্যোগত দশম শ্ৰেণী উদ্ভীৰ্ণ কৃতি ছাত্ৰ-ছাত্ৰীৰ অভিনন্দন অনুষ্ঠানটি সম্পন্ন হয়। ছাত্ৰ-ছাত্ৰীসকলক অসম সাহিত্য সভাৰ সভাপতি, পদ্মশ্ৰী ড° সূৰ্যকান্ত হাজৰিকা, নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ সভাপতি হেমন্ত কুমাৰ নাথ আৰু সম্পাদক অজিত কুমাৰ দাস স্বাক্ষৰিত একোখনকৈ অভিনন্দন পত্ৰ, অৰুণাচল প্ৰদেশ টাংছা জনগোষ্ঠীৰ কহিন আৰু অসম সাহিত্য সভাৰ প্ৰতীক চিহ্নৰে ৬৪ গৰাকী কৃতি ছাত্ৰ-ছাত্ৰীক অভিনন্দন জনোৱা হয়। উক্ত অনুষ্ঠানতে গোলাঘাটৰ এগৰাকী বিশিষ্ট সাহিত্যিক, সমাজকৰ্মী মাখন লাল বাঢ়ৈক শাখাৰ তৰফৰ পৰা সম্বৰ্ণনা জনোৱা হয়। অনুষ্ঠানত শোধানাগাৰৰ জ্যেষ্ঠ বিষয়া, সভাৰ সভাপতি হেমন্ত কুমাৰ নাথ, উপ-সভাপতি ড° কাজল শইকীয়া, জ্যোতিভূষণ শৰ্মা আদিয়ে অংশ লয়। শাখাৰ তৰফৰ পৰা সম্পাদক অজিত কুমাৰ দাস, প্ৰাক্তন সম্পাদক সংগম পঞ্চানন, দিলীপ শইকীয়া, গজেন্দ্ৰ নাথ দাস, পত্ৰিকা সম্পাদক প্ৰণৱজ্যোতি শইকীয়া, সাংস্কৃতিক সম্পাদক মনোজ কুমাৰ দাস, কাৰ্যালয় সম্পাদক থানেশ্বৰ দাস, কাৰ্যনিৰ্বাহক সদস্য ৰাজীৱ বাঢ়ৈ, অপূৰ্ব মজুমদাৰ ভূপেন শৰ্মা, নৃপেন কলিতা, উপদেষ্টা ৰিপুণ শইকীয়া আদিয়ে অংশ লয়।



সুধাকণ্ঠ ড° ভূপেন হাজৰিকাৰ ৯৭ জন্মজয়ন্তী উদ্‌যাপন

০৮/০৯/২০২৩ঃ ভূপেন হাজৰিকা সাংস্কৃতিক ন্যাসৰ উদ্যোগত, গোলাঘাটবাসী ৰাইজ তথা দেৱৰাজ ৰয় মহাবিদ্যালয় পৰিয়ালৰ সহযোগত অনুষ্ঠিত হ'ব লগা সুধাকণ্ঠ ড° ভূপেন হাজৰিকাৰ ৯৭ জন্মজয়ন্তী উপলক্ষে আয়োজিত 'ভূপেন্দ্ৰ সঙ্গীত কৰ্মশালা' ত ভাগ লোৱা অসমৰ সাংস্কৃতিক জগতৰ কেইগৰাকীমান বিশিষ্ট ব্যক্তিয়ে শাখাৰ কাৰ্যালয় পৰিদৰ্শন কৰে। সভাৰ তৰফৰ পৰা তেখেতসকলক অৰুণাচলৰ টাংছা জনগোষ্ঠী 'ক'হিন' এখনেৰে আদৰণি জনাই সভাৰ বৰ্ষপঞ্জী 'কাঁচিয়লি' একোখন আগবঢ়োৱা হয়। ব্যক্তিসকল আছিল শ্ৰীযুত অনুপজ্যোতি চৌধুৰী, বিশিষ্ট নাট্যকাৰ, শ্ৰীযুত প্ৰদীপ পুজাৰী, সভাপতি ভূপেন হাজৰিকা সাংস্কৃতিক ন্যাস, শ্ৰীযুতা মঞ্জুলা হাজৰিকা, গীতিকাৰ, লেখিকা, সম্পাদক ভূপেন হাজৰিকা সাংস্কৃতিক ন্যাস, শ্ৰীযুতা অনিতা শৰ্মা, সংগীত

নাটক অকাডেমী বাঁটা বিজয়ী বিশিষ্ট শাস্ত্ৰীয় নৃত্যশিল্পী, শ্ৰীযুত পংকজ বৰুৱা বিশিষ্ট তবলা বাদক আৰু শ্ৰীযুত দুলু পাঠক, কাৰ্য্যবাহী সদস্য, ভূপেন হাজৰিকা সাংস্কৃতিক ন্যাস।

উল্লেখযোগ্য যে কলকতা নন্দনত অনুষ্ঠিত চলচিত্ৰ মহোৎসৱত মঞ্জুলা হাজৰিকা বাইদেউৰ চুটি গল্পৰ আধাৰত নিৰ্মিত 'আই' নামৰ চুটি ছবিখনে 'স্বত্বাধিকাৰ ঘটক বাঁটা'ৰে সন্মানিত হয়। ভাৰতত নিৰ্মিত চুটি ছবি আৰু তথ্যচিত্ৰৰ উপৰি পাকিস্তান, বাংলাদেশ, নেপাল, শ্ৰীলংকাত নিৰ্মিত ৭২খন ছবিৰ ভিতৰত ২৮খন ছবি মনোনীত হোৱা য'লৈ দক্ষিণ এছীয় চুটি ছবি মহোৎসৱত সন্মানিত আৰু প্ৰদৰ্শিত হয় মঞ্জুলা হাজৰিকাৰ চুটি গল্প 'আই'। সভাই সেই সুযোগতে মঞ্জুলা হাজৰিকা, অনুপজ্যোতি চৌধুৰী আৰু অনিতা শৰ্মা ডাঙৰীয়ানীক অভিনন্দন জ্ঞাপন কৰে।



বৰগীতৰ কৰ্মশালাৰ সন্মৰণি

২৩/০৭/২০২৩ঃ নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ উদ্যোগত আৰু শংকৰদেৱ সাংস্কৃতিক কেন্দ্ৰৰ সহযোগত আয়োজিত বৰগীতৰ কৰ্মশালাৰ সফল সন্মৰণি পৰে। উল্লেখযোগ্যৰূপে ১৭ - ২৩ জুলাই' ২০২৩ ত আয়োজিত কৰ্মশালাৰ সমল ব্যক্তি আছিল বকুলবন বাঁটা প্ৰাপক, গীতিকাৰ, অনাতাঁৰ শিল্পী, শংকৰী কলা কৃষ্টিৰ সাধক শ্ৰীযুত অজিত কুমাৰ বৰাদেৱ।





‘সখী হে’ উন্মোচন

২৭/০৭/২০২৩ঃ নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ দ্বাৰা প্ৰকাশিত শ্ৰীযুত হেমন্ত কুমাৰ নাথদেৱৰ গ্ৰন্থ ‘সখী হে’ সভাৰ সভাকক্ষ অশ্বেষণত এক গাভীৰ্যপূৰ্ণ অনুষ্ঠানত উন্মোচন কৰে বিশিষ্ট উপন্যাসিক, গল্পকাৰ, সাহিত্য অকাডেমি বঁটা প্ৰাপক শ্ৰীযুত জয়ন্ত মাধৱ বৰাদেৱে।



জয়ন্ত মাধৱ বৰাৰ মৈতে অন্তৰংগ গধূলি

২৭/০৭/২০২৩ঃ অসমীয়া সাহিত্যত নিজা কথন শৈলী আৰু কাহিনী নিৰ্মাণৰ দক্ষতাৰে বিশেষ স্থান দখল কৰিবলৈ সক্ষম হোৱা উপন্যাসিক, গল্পকাৰ জয়ন্ত মাধৱ বৰা ডাঙৰীয়াই ২৬ জুলাই ২০২৩ বুধবাৰে সন্ধিয়া ৭ বজাত শাখা সাহিত্য সভাৰ সভাকক্ষত এক অন্তৰংগ গধূলি অনুষ্ঠানত অংশ লয়। উল্লেখযোগ্য যে, গোলাঘাট জিলাৰ দেৰগাঁৱত

জন্ম গ্ৰহণ কৰা শ্ৰীযুত বৰা ডাঙৰীয়াই যোৰহাট বিজ্ঞান মহাবিদ্যালয়ৰ পৰা পদাৰ্থ বিজ্ঞানত স্নাতক ডিগ্ৰী আৰু ডিব্ৰুগড় বিশ্ববিদ্যালয়ৰ পৰা স্নাতকোত্তৰ ডিগ্ৰী লৈছিল। অসম সচিবালয়ত শিক্ষা বিভাগৰ এজন বিষয়া হিচাপে কৰ্মৰত তেখেতে বৰ্তমান পাঞ্জাবাৰীৰ বাসিন্দা।





*Interactive Session of MD with employees at **Kaliyani Club** premises on 6th August, 2023 to discuss about the Company and the road ahead*

Independence Day celebrations at Numaligarh

