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October - December 2018, Vol. 61

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House Journal of Numaligarh Refinery Limited

NUMALIGARH
REFINERY
LIMITED

A GOVERNMENT OF INDIA ENTERPRISE

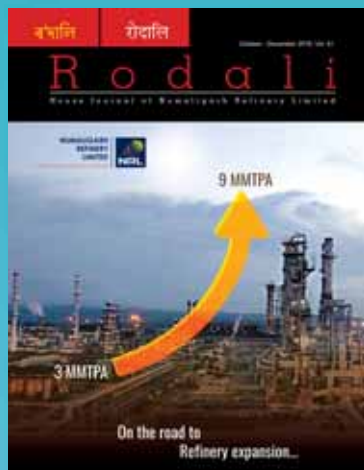


9 MMTPA

3 MMTPA



On the road to
Refinery expansion...



Dear Readers,

'A few heart-whole, sincere and energetic men and women can do more in a year than a mob in a century' - Swami Vivekananda

The calling has come yet again .. on 22nd October 2018, Public Investment Board (PIB) gave its formal nod to the much awaited capacity expansion proposal of our Refinery from existing 3 MMTPA to 9 MMTPA, at an estimated investment of Rs. 22,594 crore, the highest so far in North East India. The project also includes a 1,398 KM Crude oil pipeline from Paradip to Numaligarh and a 654 KM Product pipeline from Numaligarh to Siliguri. The news evoked a wave of euphoria across NRL though fingers remained crossed for the final go ahead by the Cabinet Committee of Economic Affairs. The development was welcomed by the highest Company forum i.e. NRL Board and a ceremonial cake to mark the wonderful news was cut at the Board Meeting held in Mumbai on 26th October 2018. MD shared his first thoughts with employees hours later on this landmark development, reproduced in this issue for our readers.

Reaffirming its commitment and vision through its consistent performance, our Company yet again reached the pinnacle of business accomplishment for the last financial year 2017-18 by achieving 'Excellent' MoU rating. Glance through the 'Performance Highlights' and 'News section' for more updates on business. 'Be the Change' Suggestion Scheme 2018 which drew record participation this year ended on a high note with a well-attended award function. Read about it in our feature.

A nip in the air complemented by a riot of colours dispersed across the winter landscape lent positive vibes to festivities galore that unfolded in our various entities... do take a peek.

It has truly been a pleasure and honour to chronicle every bit of the eventful journey of NRL and share it with our esteemed readers through Rodali. I conclude with the following immortal lines penned by Julia Carney, hoping that every step that NRL has traversed remains etched in golden letters in the annals of the company for posterity.

Little drops of water

Little grains of sand

Make the mighty ocean

And the pleasant land.

So the little minutes

Humble though they be

Make the mighty ages

Of eternity

Happy reading and best regards,

Madhuchanda A Choudhury

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Highlights of NRL's performance during Q3 of 2018-19

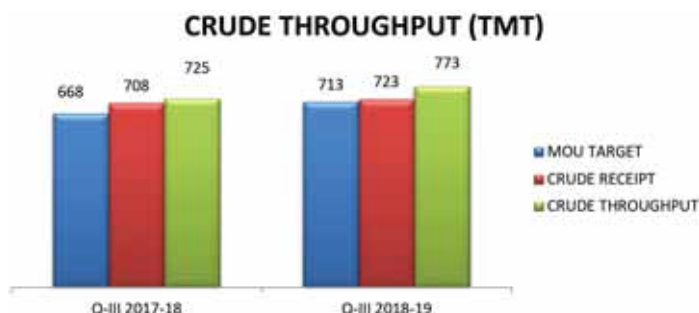
Physical Performance

Capacity Utilisation

NRL's crude throughput during the third quarter of the year was 773 TMT reflecting a capacity utilisation of 103%. Cumulative crude throughput during the year upto Dec'18 was 2199 TMT (98% capacity utilisation) compared to prorated MoU target of 2147 TMT.

Production Efficiency

- Distillate yield during Oct-Dec'18 and Apr-Dec'18 were 87.72% and 86.83% respectively. MoU target for the year is 87.11%. Distillate yield during corresponding period of previous year was 86.15%.
- Specific Energy Consumption (SEC) during Oct-Dec'18 and Apr-Dec'18 were 65.93 MBN and 68.24 MBN respectively.
- Similarly, Energy Intensity Index (EII) recorded during Oct-Dec'18 and Apr-Dec'18 were 87.78 and 90.12 respectively vis-à-vis internal target of 87.0. EII during corresponding period of previous year was 88.59.



Capital expenditure

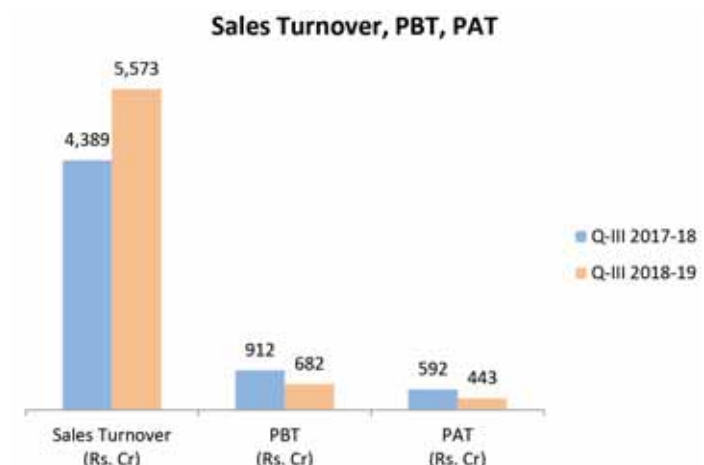
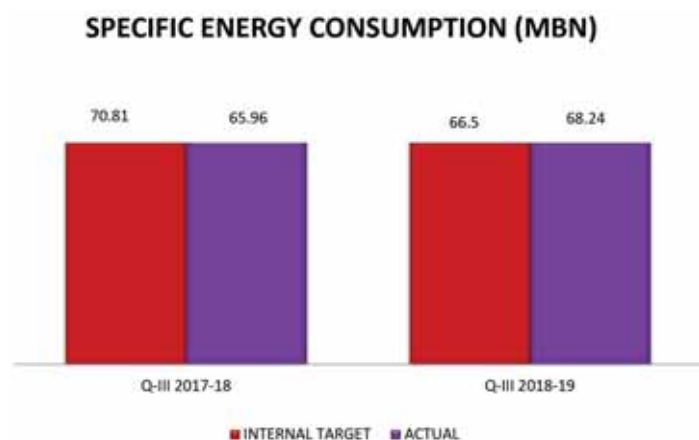
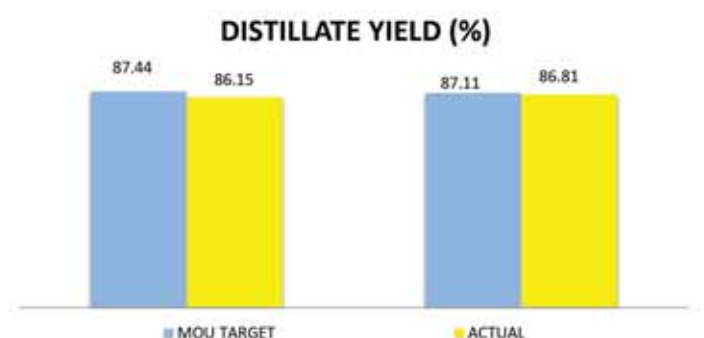
Capital expenditure during Apr-Dec'18 was ₹230 crores against annual MoU target of ₹375 crores.

Project implementation

- Mounded Bullet Project:** The mechanical completion of the LPG Mounded Bullet project was declared on 29.10.2018.

Financial Performance

- Sales turnover during the third quarter of the year was ₹5,573 crores which was 27 % higher compared to ₹4,389 crores in the corresponding period of previous year.
- Gross Refining Margin during Oct-Dec'18 and Apr-Dec'18 were \$8.21 per bbl and \$10.67 per bbl respectively compared to \$10.69 per bbl in the corresponding period of previous year.
- PBT during Oct-Dec'18 and Apr-Dec'18 were ₹682 crores and ₹2,133 crores respectively.
- PAT during Oct-Dec'18 and Apr-Dec'18 were recorded at ₹443 crores and ₹1,386 crores respectively.



MD's message to employees after obtaining PIB clearance of Refinery Expansion proposal

My dear colleagues,

This 22nd of October 2018 will be remembered as a *Red Letter Day* in the chronicles of our Company. It was on this day that the Public Investment Board (PIB) gave its formal nod for the much awaited expansion proposal of NRL's Refinery capacity from 3 MMTPA to 9 MMTPA.

While the process of approval from the Cabinet Committee of Economic Affairs (CCEA) is following its due course, it is time to brace ourselves to be part of this mega project, the largest ever investment so far to have happened in the history of North East India at Rs. 22,000 Crore.

We are lucky to be part of this ambitious project which promises not only to elevate our Company to a different dimension but also to change the socio economic indices and dynamics of the region. The road ahead is fraught with challenges that we will have to surmount with our collective effort and support from our stakeholders & well wishers including the State and Central Governments.

I have just come out of our Board meeting at Mumbai. I felt extremely happy to share with you all that today Chairman, expressing his happiness on this occasion, presented a scrumptious cake to all members of the Board to celebrate this momentous event; some photos of which I am sharing with you all.

Let us together make it happen and feel proud to be part of the NRL Family.

With regards,

S K Barua

26-10-2018



Chairman Mr. D Rajkumar, Independent Directors Mr. Rajkumar Sharma & Ms. Sneha Lata Kumar, MD Mr. S K Barua, Director (Technical) Mr. B J Phukan, Director (Finance) Mr. Indranil Mitra alongwith other senior officials celebrate the Public Investment Board (PIB) approval of NRL's much awaited expansion proposal in NRL Board Meeting held at Mumbai on 26.10.19



NRL scores 'Excellent' MoU rating for 2017-18

Continuing to shine with its consistent and focused performance, our Company has been yet again rated by the Department of Public Enterprises (DPE) under 'Excellent' category for its Memorandum of Understanding (MoU) performance for the financial year 2017-18. NRL secured a composite score of 94.12 out of total 100.

NRL has been consistently awarded 'Excellent' rating for its performance, since the commencement of the MoU system, and is committed to move ahead with even better performances in the years ahead.

1st Interim Dividend of Rs. 49.95 Crore for FY 2018-19 presented to Government of Assam



Dividend Cheque handing over to the Hon'ble Chief Minister of Assam Shri Sarbananda Sonowal by MD Mr. S. K. Barua in the presence of senior officials

Our Company presented the first Interim Dividend cheque for the current financial year 2018-19 amounting to Rs. 49.95 Crore to the Govt. of Assam against its equity holding of 12.35 % in the Company. The cheque was handed over to the Hon'ble Chief Minister of Assam Shri Sarbananda Sonowal by MD Mr. S. K. Barua in the presence of senior officials of NRL in Guwahati on 21-11-2018.

The Interim Dividend has been worked out based on the performance of the Company during the first 6 months of the current financial year.

FEATURE



'Be the Change'- Suggestion Scheme 2018 completes a successful 3rd Edition

'Be the Change' Suggestion Scheme was launched in the year 2016 to encourage employees to think out of the box and bring to the fore their creative potential through innovative ideas for improvement in the workplace and thereby contribute in the Company's growth story. Anchored by the Corporate Communications Dept., this scheme has journeyed through 3 fruitful editions. The 3rd edition launched in 2018 has been one of the most successful editions having garnered record responses from employees and contract workers across the individual and group categories. A total of 153 suggestions were received out of which 10 suggestions were selected for 'Innovator par Excellence Certificate' and 20 suggestions for 'Certificate of Innovation' after a thorough evaluation. Remaining suggestions were found to be either already under implementation, routine or not practical.

The 3rd edition reached its successful culmination on 10-11-18 when all the suggestors were duly awarded with Citations and Gift cheques by MD Mr. S.K Barua, Director (Technical) Mr. B J Phukan and Director (Finance) Mr. Indranil Mittra in presence of all HoDs, jury and organisers.



Winning team of Innovator par Excellence Certificate



Directors handing over Certificates to winners

Winners' List

Innovator par Excellence Certificate

SN	Suggestion	Name of suggestor(s)	Position
1	Production of consistent fully refined wax / Achieving 100 % SDU throughput by innovative way	Madhabjyoti Baruah (150026) Ajanta Borah(100248) Deep Jyoti Gogoi (150312) Anupam Kumar Kashyap (150324) Abdul Mukib Choudhary (150315) Pantha Gaurab Borah (100444)	I
2	Installation of cyclone separator coke dust collector at CCU for collection of coke dust and preventing it from spreading around the plant area.	Debojit Neog (NA) Akon Gogoi (NA) Bindu Gogoi (NA) Pulin Mech (NA)	II
3	Upgradation of Township Security Checking & Traffic Control System at Main Gate Entrance	Nitumoni Chutia (150247)	III
4	MTO dedicated line to NRMT	Kajal Das (150138)	IV
5	Adoption of innovative Idea to facilitate simultaneous execution of Project Jobs without hampering unit operation of existing SRU.	Bipul Chandra Kalita (100172) Jyotish Kumar Nath (100410) Anuj Kumar Deka(150072)	V
6	Installation of redundant cooler of MSP (16-EE-17) in HSD product line ex HCU downstream of 04-EE-23A/B	Banajyoti Sarma Kaushik (100245) Anupam Thakuria (100309) Anup Kumar Das (NA) Arpan Gogoi (100354)	VI
7	Improve energy efficiency and environmental compliance with Wireless acoustic on line monitoring of steam traps	Chinmoy Deka (100455) Manash Kamal Dutta (150027)	VII
8	Integrated portal dedicated to the service of superannuated employees for (i)Management of PRMB online claim , Pension & PF (ii) Group Med Ins. Policy to reduce cost to PRMB Trust.	Pratul Kumar Saikia (100147) Deva Jyoti Konwar (100304) Chandan Goswami (150145) Avanish Kr Gupta (100516) Nitit Khandelwal (100551) Mandheer Singh (100553)	VIII

SN	Suggestion	Name of suggestor(s)	Position
9	Berger Grade MTO(Mineral turpentine oil) production by adjusting CDU column operating parameters.	Bimlesh Kumar Gupta (100201) Ganesh Barman(100242) Anjan Kalita (100308) Sunny More(100443) Junali Rabha (100564) Bitopan Sonowal (100451)	IX
10	Installation of XP valves in 04-KA-03B	Subhas Sarma Neog (100526) Saurav Jyoti Dutta(100503)	IX

Certificate of Innovation

SN	Suggestion	Name of suggestor(s)	Position
11	Conversion of Seal Piping Plan of 18-PA-108A/B from Buffer fluid to Barrier fluid	Sarfrazullah Nawaz Sayed (100562)	X
12	Up-gradating Furnace Burner Operation	Uday Bhaskar Sahoo (150429)	X
13	Refrigerant (Propane) & Compressor oil recovery from suction Knock Out Drum(15-VV-018), Propane receiver (15-vv-15) & economizer (15-vv-16) in MSP in existing oil reclimer system.	Ankit Bopche (100527)	XI
14	Installation of pitiless type in motion weigh bridge at NRL line no-7	Gangaram Upadhyay (100414)	XI
15	Routing of startup residual Gas Oil in VGO (From Cold VR Line to Slop Out from Unit Line)	Abhinash Mahanta (100509) Jitu Prasad Saikia(150416)	XI
16	Reduction of high Isomerase rundown temperature	Anjan Kalita (100308)	XI
17	Reduction of isomerase rundown temperature in Isom unit using an earlier unused off spec trim cooler.	Abhijit Deb Roy (150030)	XI



SN	Suggestion	Name of suggestor(s)	Position
18	Modification to Facilitate Processing of SDU Hot Wax in WHFU to Recover Waste Heat.	Pantha Gaurab Borah (100444)	XII
		Chandan Kumar Nath (150302)	
		Jyotish Kr. Nath (100410)	
19	Automation of Air Dryer Sections	Rahul Goswami (100316)	XII
		Bibekananda Dewan(100434)	
		Debahuti Borah (100456)	
		Chinmoy Deka (100455)	
20	Isom Caustic scrubber operating pressure reduction from 12.5 kg/cm2 to 7 kg/cm2 without effecting scrubbing efficiency	Abhijit Deb Roy (150030)	XIII
21	Customer Relationship Management (CRM) module	Mushtaq Ahmed (100502)	XIV
22	Reduction of LP steam consumption by isolating LP steam at atmospheric flash column inlet heater 18-EE-110	Pantha Gaurab Borah (100444)	XIV
23	In-house development of Partial Stroke Test (PST) and Automatic Depressurization System (ADS) for Hydrocraker Dump Valves	Nilakshi Thakur (100431)	XIV
		Anjan Jyoty Dutta(100431)	
24	Production of low FBP MTO (FBP: 205 degC) from CDU column by designing a new cut between SKO and Heavy Naphtha	Rupam Kumar Sarmah (100174)	XV
		Pankaj Barman(100253)	

SN	Suggestion	Name of suggestor(s)	Position
25	Proposal for implementation of digital communication in place of exiting conventional in machine monitoring systems of HCU	Anjanjyoty Dutta (100411)	XV
26	Quality optimization vis-à-vis Interface Management at SMT	Abhijit Gogoi (100490)	XV
		Asit Kumar Singh(100428)	
		Bhupendra Narayan Sarma (150139)	
		Rajkishore Mahanta (100472)	
27	ISOM stabiliser reflux pump (16- PA-CF-3A&B) sealpot vent to be connected to CBD-3	Prosenjit Bhattacharjee (NA)	XVI
		Arpan Gogoi(100354)	
		Debojit Sarmah (150495)	
28	Algae growth control by surface modification in cooling tower	Partha Protim Phukon (150456)	XVII
29	Energy saving, corrosion control and mitigation of frequent steam leakage in MSP steam network by using in house purified condensate instead of existing BFW in MSP boiler incorporating a de aerator in	Abhijit Deb Roy (150030)	XVII
30	Power Generation through excess LP steam	Rupam Goswami (100164)	XVII
		Chandrabrata Buragohain (100311)	
		Bedabrat Bhagawati(100403)	
		Chinmoy Deka (100455)	
		Medini Kumar Bora (100538)	
		Bijit Kumar Borah (150056)	
		Manash Kamal Dutta (150027)	



Directors, winners, jury and organisers of 3rd edition of 'Be the Change' Employee Suggestion Scheme 2018 at the award function on 10-11-18

Photo speak



NRL New Delhi officials led by CGM(Co-ord. & Fin) Mr. P K Barua (centre), take part in the SAKSHAM Cyclothon held in New Delhi on 7th October 2018

Meeting on Indo-Myanmar bilateral co-operation

MD Mr. S K Barua was part of the Indian delegation along with Chairman IOCL, CMD GAIL, MD OVL, Director BD, IOCL and Director BD, HPCL accompanying Union Minister for Petroleum & Natural Gas etc., Govt. of India Shri Dharmendra Pradhan in a meeting with Mr. U Win Khaing, Minister of Electricity, Construction and Energy, Govt. of Myanmar on 3rd October 2018 in New Delhi to discuss the status of present and future Indo- Myanmar Oil & Gas projects.

NRL's engagement with Myanmar with regard to export of HSD and Paraffin Wax was detailed by MD Mr. S K Barua while our efforts to initiate HSD trade utilising the

Numaligarh-Moreh-Tamu (Asian Highway-1) route was appreciated during the meeting.



Photo Speak



MD Mr. S K Barua (standing in 2nd row- 8th from right) as part of business delegation accompanying Hon'ble President of India during his State visit to Myanmar from 12th -14th Dec, 2018.

Vigilance Awareness Week

Vigilance Awareness Week, 2018 was observed in a befitting manner and with great enthusiasm from 29th October to 3rd November, 2018 in line with directive from Central Vigilance Commission with the theme '**Eradicate Corruption - Build a New India**'.



Vigilance Awareness week pledge taking at Corporate Office, Guwahati

The observance of Vigilance Awareness Week commenced with the Integrity Pledge taking ceremony on 29th October 2018 at the Administrative Building of the Refinery. The pledge was taken in English, Hindi, and Assamese by the employees in the presence of Chief General Manager (Operation) Mr. Gopal Sarma, Chief General Manager (Maintenance) Mr. Hemanta Nath and other senior officials. Similarly, pledge was also taken by employees posted at other offices of NRL located at Guwahati, Delhi, Siliguri and Kolkata. Activities like display of banners, distribution of pamphlets on vigilance activities, workshop on policies / procedures of the organization, Slogan and Essay writing competitions among NRL and CISF employees and their spouses on issues relating to vigilance were organized. Similar awareness programmes consisting of Essay writing, Debate competition, Extempore speech and Group Discussion competitions were organized in nearby schools & colleges namely Numaligarh High School, Delhi Public School, Numaligarh, Morangi Junior College and Kalpataru Academy, Telgaram and the winners of the various competitions were awarded with prizes during the week.



Winners of the essay competition organised amongst students of Rangapani High School in Siliguri

Further, Essay Writing Competition was also organized by employees of Siliguri Marketing Terminal among students at Rangapani High School, Siliguri.

A Vigilance awareness session was organized at CISF unit, Numaligarh on 1st November 2018 in presence of Ms. P. Deka, DGM (Vigilance), Mr. B.B. Buragohain, DGM (Security), Mr. K. Saikia, Manager (Vigilance) and the Deputy Commandant, CISF, wherein importance of vigilance was briefed to the CISF personnel and prizes were distributed to the winners of various competitions.

The main function of the Vigilance Awareness Week was held on 2nd November 2018 in the Refinery, which was presided by MD Mr. S. K. Barua and Chief General Manager (HR) I/c Mr. D. Choudhury. IPS, DIG (Range), CBI Guwahati, Assam Mr. Navajyoti Gogoi was invited as the Chief Guest of the function. In his address, Mr. Navajyoti Gogoi highlighted the need to improvise systems and



MD Mr. S K Barua addressing the concluding function of Vigilance Awareness Week function at Numaligarh on 2nd November 2018

procedures by leveraging on digital technologies and also informed about the various acts and enforcement agencies. MD Mr. S K Barua informed that due to leveraging on digital technologies NRL has achieved more than 99% in e-payments and e-receipts. Further, digitalization has been adopted in areas such as recruitments which have enhanced transparency. Moreover, he informed that NRL delegation of authority delegated powers to Committees and not to individuals due to which discretionary powers of individuals in NRL is greatly reduced. The winners among employees & their spouses of various competitions organized on the occasion were also rewarded in the same function.



Prize distribution

Rashtriya Ekta Diwas observed

Rashtriya Ekta Diwas was observed across the Company on 31.10.2018 to commemorate the birth anniversary of Iron Man of India - Sardar Vallabhbhai Patel, a freedom fighter & Independent India's first Deputy Prime Minister who was instrumental in uniting 562 princely states to forge a united India.

At Numaligarh

The day was observed in the Refinery Township premises with National Unity Day pledge taking in Hindi and English by employees and their families. Thereafter, students from DPS Numaligarh participated in large numbers in the 'Run for Unity'. A token of appreciation was given to the first three finishers in each category.

Winners

Male category:

1. Meeran Kakati of Class VII
2. Priyankush Dutta of Class IX
3. Pragyan Bora of Class X

Female Category:

1. Nauseen Rehman of Class X
2. Bobita Devi, w/o Nitul Sarma
3. Ayushi Sarma of Class X

Later during the day, March Past was held by CISF NRL Unit in the CISF Residential Complex Ground.



Run for Unity at Numaligarh



Pledge taking at Numaligarh



Prize distribution

At Corporate Office, Guwahati

The Unity pledge was administered at the Company's Corporate office in Guwahati with participation of all employees. March past by the security personnel followed the pledge taking.



Pledge taking at NRL Corporate Office



March past

At Siliguri Marketing Terminal



Pledge taking at Siliguri Marketing Terminal

4th Constitution Day



At Numaligarh



At Corporate Office, Guwahati

Preamble of the Constitution being read out by employees on the occasion of 4th Constitution Day on 26-11-18, observed to commemorate the adoption of the Constitution of India by the Constituent Assembly on 26th November 1949

Fire & Safety Snippets

Training & Awareness Programs

- Refresher training on Fire & Safety was conducted for employees from 29th Oct to 2nd Nov, 2018 in coordination with external faculty. Special emphasis was laid on Process Safety during the training.
- A presentation cum discussion on implementation of Process Safety Management was held with the Sr. Management of the Company on 31st Oct, 2018, which was coordinated by an external faculty.
- Safety Review Meeting with contractors' safety supervisors was conducted on 26th Oct' 2018.

- Public awareness programme was conducted at Mohuramukh High School on 9th Nov' 2018 (Photo 1, 2 & 3).
- Refresher safety training for drivers of hired vehicles was conducted on 26th and 27th Dec, 2018. Around 170 nos. of drivers attended the training programmes.



1



2



3

Mock Drills

- Three minor fire mock drills were conducted during the quarter at OM&S, CDU/VDU and ETP on 29th Oct, 30th Nov and 31st Dec' 2018 respectively.
- One major cum onsite disaster mock drill was conducted at MS tank 004A (NRMT) on 20th Dec' 2018

in collaboration with District Disaster Management Authority (DDMA), Golaghat who had also conducted an earthquake disaster drill in association with Assam State Disaster Management Authority (ASDMA) and National Disaster Management Authority (NDMA), Govt. of India. (Photo 4, 5).



Safety Audits

- Annual External Safety Audit - 2018 as per MSIHC Rules was conducted from 23rd - 25th Oct' 2018.
- Internal Safety Audit for 2018 was conducted from 12th to 15th Nov' 2018 with members from BPCL-Mumbai, BPCL-Kochi and BORL.

CSR News

Park and Ride facilities provided at Kaziranga National Park

Park and Ride-a tourist car parking facility with a park and provision for clean drinking water has been developed in Bogori Range of Kaziranga National Park(KNP) near the Elephant riding point as part of our Company's CSR activities. The facility was inaugurated on 2nd October, the 149th birth anniversary of Mahatma Gandhi and the concluding day of *Swachhta Hi Seva(SHS)* campaign spearheaded by the Central Govt. from 15th September to 2nd October 2018. MD Mr. S K Barua did the honours in presence of a gathering of 250 people including Director (Technical) Mr. B J Phukan; Divisional Forest Officer, Eastern Assam Wild Life Division -Mr. Rohini Ballave Saikia; senior officials of NRL and Forest Department; prominent members of the civil society, representatives of Jeep Safari Association, KNP; Wild Life Trust of India etc.



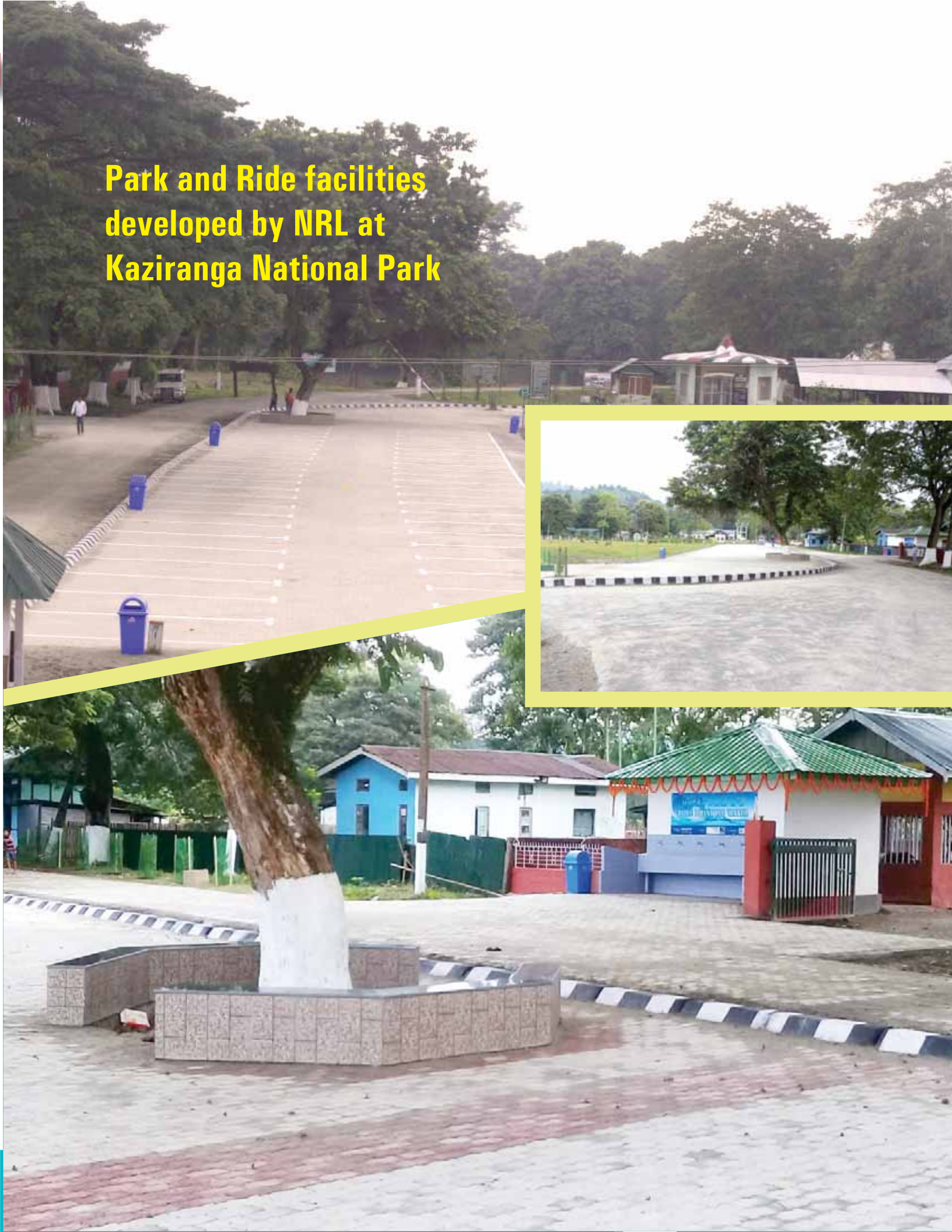
MD Mr. S K Barua inaugurates the Park and Ride facilities developed by NRL at Bagori, Kaziranga on 2nd October 2018



Drinking water facility inaugurated by Dir(Tech) Mr. B J Phukan at Bagori, Kaziranga

MD Mr. S. K Barua, in his address expressed NRL's willingness to take up more such developmental works in the future. DFO, Eastern Assam Wild Life Division Mr. Rohini Ballave Saikia in his speech thanked NRL for the gesture which he said was another positive development towards making Kaziranga National Park - the pride of Assam and famous as the abode of the highest number of one horned; more tourist friendly.

**Park and Ride facilities
developed by NRL at
Kaziranga National Park**



NRL lights up villages and towns in its neighbourhood through Solar power

As part of its CSR initiative, our Company has lighted up several households in its neighborhood using solar power. Taking forward its solar lighting program, Solar Home Lighting Systems were installed at few households of Jogoniati village under Bokakhat sub-division. MD Mr.



S.K. Barua along with Director General, The Energy and Research Institute(TERI) Dr Ajay Mathur inaugurated the facility on 22-12-18. Thereafter, a public function was held at Jogonia Deodia L P School; graced by MD as Chief Guest and DG(TERI) as Guest of Honour; which was attended by more than 300 people from the nearby villages. Director(Finance) Mr. Indranil Mittra and other senior officials from NRL as well as TERI were also present on the occasion.

Our Company has provided Solar Home Lighting Systems comprising of 4 LED lights, a mobile charging point, a portable light and DC fan to 719 households covering 18 different villages in the neighbourhood. Out of the above, 136 households in 4 villages were provided SDSs in the financial year 2015-16; 290 households in 9 villages in

FY 2016-17 and 293 households in 5 villages during the current FY 2017-18 in Bokakhat Subdivision and Karbi Anglong District. DC TV with DTH facilities were also provided for community viewing.



Local youths get skilled under Project 'Uttoran'



CGM(HR) in-charge Mr. Debashish Choudhury hands over NSDC Certificate to students after successful completion of their training



Students trained at NTTF Bangalore



The Company's CSR initiatives focusing on Skill Development of local youths under Project 'Uttoran' has been a continuous process and has yielded perceptible results with a positive impact in the socio-economic fabric of the society around.

In another such step, 53 local youths sent to Nettur Technical Training Foundation (NTTF), Bengaluru for skill training as Fitter and CNC operator successfully completed their NSDC certificate course. The certificates were

distributed on 4th October, 2018 at a function organized at NTTF Head office, Bengaluru which was attended by our CGM (HR) I/C Mr. Debashish Choudhury as Chief Guest. The certificate entitles a one-time loan of Rs 1 lakh for setting up any entrepreneurial venture.

34 trainees out of the above have opted to undergo a 3 year diploma course under National Employment Enhancement Mission (NEEM) and have been presently placed with M/s Schneider by NTTF.

NRL Football Academy boys train in Singapore

Abhisekh Saikia, Bishal Robidas, Papu Bakti and Akash Chaura- the upcoming footballers from NRL Football Academy completed an International Sports Exposure Tour organized by NRL Football Academy partner M/s Sportify. The boys were in Singapore for one week from 3rd to 11th October 2018 extensive training program at Real Madrid Football Foundation. They were trained by Real Madrid coaches from Europe along with other children

from all over the world, thereby getting the opportunity for multi-dimensional learning aiding their holistic development. In addition to football training, the boys were also taken around Singapore to visit places like Universal Studio, Singapore Zoo, Jurong Bird Park, Merlion, Sentosa Island etc.



Football Academy boys train in Singapore

Construction of Roads in Numaligarh Block Gaon



Numaligarh Block Gaon earned a face lift with all road renovations completed during the quarter

Inauguration of Drinking Water facilities at Marangi Shishu Bhawan & Sankardev Shishu Niketan, Golaghat on 28th & 29th December 2018



MINISTRY OF PETROLEUM AND NATURAL GAS NEWS

Prime Minister lays Foundation Stones of City Gas Distribution Projects under the 9th CGD bidding Round; 10th bidding round launched

Prime Minister Shri Narendra Modi laid the Foundation Stones of City Gas Distribution (CGD) Projects in 65 Geographical Areas (GAs) in 129 Districts under the 9th CGD Bidding Round, remotely from Vigyan Bhawan, New Delhi on 22nd November 2018. During the event, Hon'ble PM also launched 10th CGD Bidding Round in 50 GAs spread over 124 districts in 14 states.

Speaking on the occasion, the Minister of Petroleum and Natural Gas & Skill Development and Entrepreneurship Shri Dharmendra Pradhan said that the Government is working to move towards the gas-based economy. Presently the share of gas in the country's energy mix is just over 6% and the aim is to reach the 15% figure, while the world average is 24%. He said the Prime Minister has assured the world that India will take initiative to bring down its carbon emission level, and a number of initiatives have been taken in this direction like LED bulbs, BS VI fuel, Bio-energy, International Solar Alliance, Pradhan Mantri Ujjawala Yojana, and providing clean piped gas supply to more cities is also a step in this direction. The Minister also mentioned about enhancing the LNG terminal capacity, renegotiating Indo-Qatar Gas deal, and positive Indo-US engagement in this direction. He said that efforts are not only being made to increase the use and supply of Gas, but also to produce gas through agro-wastes and other products and including the same into the CGD network.

Government of India has put thrust to promote the usage of environment friendly clean fuel i.e. natural gas as a fuel/feedstock across the country to move towards a gas based

economy. Accordingly, development of CGD networks has been focused to increase the availability of cleaner cooking fuel (i.e. PNG) and transportation fuel (i.e. CNG) to the citizens of the country. The expansion of CGD network will also benefit to industrial and commercial units by ensuring the uninterrupted supply of natural gas.

Till September 2018, 96 cities/Districts in different parts of the country were covered for development of CGD networks. About 46.5 lakh households and 32 lakh CNG vehicles are availing the benefit of clean fuel through existing CGD networks. To boost the expansion of PNG/CNG network, PNGRB launched 9th CGD bidding round in April, 2018 for 86 Geographical Areas (GAs) covering 174 districts in 22 States/ Union Territories. Subsequent to processing of received bids, grants of authorization have been issued to the successful bidders to develop CGD network for 84 GAs at present. As per commitment made by various entities in this bidding round, around 2 crore PNG (Domestic) connections and 4600 CNG stations are expected to be installed in next 8 years across the country. This has expanded the potential coverage of CGDs to about 50% of country's population spreading over 35% of India's area. Various pre-project activities for these GAs have already commenced and efforts are being made to commence the physical works at the site. In addition, PNGRB has also initiated the process of 10th CGD bidding round for additional 50 new GAs covering 124 districts in 14 States to increase the potential coverage to about 53% of the country's area covering 70% of country's population.



Why Natural Gas

Natural gas is a superior fuel as compared with coal and other liquid fuels being an environment friendly, safer and cheaper fuel. Natural Gas is supplied through pipelines just like one gets-water from the tap. There is no need to store cylinders in the kitchen and thus saves space. As per WHO database released in May 2018, India has 14 out of 15 world's most polluted cities in terms of PM 2.5 concentration. Large number of industries also consume polluting fuels like pet coke and furnace oil which emit polluting CO₂. Some of the courts recently ordered for banning use of pet coke in states within their jurisdiction.

Natural Gas (as CNG) is cheaper by 60% as compared with petrol and 45 % w.r.t. Diesel. Similarly, Natural Gas (as PNG)

is cheaper by 40 % as compared with market price LPG and price of PNG almost matches with that of subsidised LPG (based on prices in Delhi). An autorickshaw owner can save Rs. 7000-8000 on his monthly fuel bill by conversion from petrol to CNG. Thus, even on cost front as well, natural gas is preferable to petrol, diesel and LPG.

India made a commitment in COP21 Paris Convention in December 2015 that by 2030, it would reduce carbon emission by 33% of 2005 levels. Natural gas, as domestic kitchen fuel, as fuel for transport sector as well as a fuel for industries and commercial units, can play a significant role in reducing carbon emission.

People

APPOINTMENT

Mr. Indranil Mittra takes over as Director (Finance), NRL



Mr. Indranil Mittra has joined as Director (Finance) of NRL on 12.10.2018. Prior to his joining, he was holding the position of Chief General Manager (Finance) in the Company.

Mr. Mittra - a qualified CA & ICWA and a PG Diploma Holder from S P Jain Institute of Management & Research, Mumbai is a hard

core finance man with rich and varied experience spanning around 30 years in the oil industry in diverse areas of Finance such as Corporate Finance, Indirect Tax, Business Finance,

including exposure in upstream, etc. Besides, he has garnered rich experience in handling Commercial and ERP (Enterprise Resource Planning) roles. Mr. Mittra started his professional journey in Price Waterhouse, where he spent a little more than a year before joining Bharat Petroleum Corporation Limited (BPCL) Corporate Finance in December 1989. Thereafter, he has been associated with BPCL and its subsidiaries and has held various key positions therein viz. Head-Retail Finance, Eastern Region; Head-Lubes Finance HQ; VP Finance and Chief Finance Officer(CFO) in Bharat Petro Resources Limited(BPRL); Head of Finance at International Trade, Head of Finance at Retail HQ. He was also involved in implementation of SAP in Bharat Oman Refineries Limited (BORL).

Photo Speak



Director (Technical) Mr B J Phukan addressing delegates at the International Conference on Renewable and Alternate Energy (ICRAE-2018) held in NEDFi House, Guwahati on 04-12-18

Photo Speak

Director (Technical) Mr. B J Phukan addresses students and delegates at the 2nd International Conference on Civil Engineering for Sustainable Development – Opportunities and Challenges (CESDOC)2018 held at Assam Engineering College on 18-12-18.



Stalwarts of Assamese film industry meet MD Mr. S. K. Barua at Corporate office on 20-12-2018

Achievements



Master Manan Nath, son of Mr. Manoj Kumar Nath, Officer (Operations), NRL studying in Class VII of DPS Numaligarh, has lifted the Triple Crown title award at the All India Tennis Association's Championship series Tennis tournament held at Karnal, Haryana from 12th November to 16th November, 2018.



Mr. Surendar Saharan, GET (Instrumentation) participated in PETRO-RUN – 3rd PSPB Half Marathon in Delhi on 25th Nov, 2018 and bagged a medal in the 10 km. category. He was also adjudged Rank-1 in 25-30 yrs. age category, winning a cash award of Rs. 21,000/-. Mr. Surendar is also a state level wrestler from Rajasthan.



G^M (Fin) Mr. Pratul Saikia and CM(F&A) Mr. Jayanta Dutta won the 3rd position by beating IOCL in the Team Event at the 38th PSPB Inter Unit Tennis Tournament held in Hyderabad from 23rd – 27th December, 2018.



CII National Council Meeting hosted in Guwahati



Confederation of Indian Industries (CII), North East Council helmed by our MD Mr. S K Barua as Chairperson hosted the National Council (NC) Meeting of CII in Guwahati on 12th October 2018 for the first time in the 123 year old history of CII. The esteemed National Council of CII headed by its President Mr. Rakesh Bharti Mittal, Vice President Mr. Vikram Kirloskar and the who's who of prominent industrialists from across the country landed in Guwahati to attend the NC Meeting. CII is one of front running Industry, Trade and Commerce bodies in the country championing the cause of Indian Industries.

After the NC Meeting, a special panel discussion on 'India@75: Sustainable & Inclusive Development of NE States through Regional Connectivity by 2022' was held which was moderated by renowned journalist and well known TV personality Mr. Arnab Goswami of Republic TV with CMs/Dy. CMs of 4 North-East States viz. Shri Sarbananda Sonowal, Chief Minister of Assam; Shri Pema Khandu, Chief Minister of Arunachal Pradesh; Shri Conrad Sangma, Chief Minister of Meghalaya and Shri Jishnu



Renowned journalist Mr. Arnab Goswami moderates a panel discussion with CMs of Assam, Arunachal Pradesh, Meghalaya and Dy.CM and Finance Minister of Tripura



MD NRL and Chairman CII NEC Mr. S K Barua felicitating Ms. Saikhom Mirabai Chanu in the CII NC meeting held in Guwahati

Dev Varma, Deputy Chief Minister & Finance Minister of Tripura joining in as distinguished panelists along with the host team from CII.

Prior to the panel discussion, eminent women sportspersons from North East including Ms. MC Mary Kom (Boxing); Ms. Saikhom Mirabai Chanu (Weightlifting); Ms. Hima Das (Sprint); Ms. Dipa Karmakar (Artistic Gymnastics) were felicitated by CII NC.

NRL EXOCON promotes Assamese Play, felicitates Wildlife Conservationist & Environmentalist of Assam

NRL EXOCON, a registered society of past and presently serving officers of the Company as well as ex-officers presently working in other public sector hydrocarbon industry has successfully organized a play "Swabhavjata" created by the theatre group 'Seagull' based on a story of Shri Apu Bharadwaj and directed by noted theatre personality Shri Baharul Islam. The play was staged at the Sri Sri Madhavadeva International Auditorium of Srimanta

Shankardev Kalakshetra on 16th December 2018 and was very well received by a discerning audience.

Prior to start of the play, young wildlife conservationist & environmentalist Shri Tenzing Bodosa of Udalguri district was warmly felicitated by NRL EXOCON and presented with an honorarium to encourage him to pursue his eco-friendly farming techniques in the remote Kachibari village of Udalguri district. It was learnt that Shri Bodosa

shuns use of chemical fertilizers and makes extensive use of organic fertilizers processed from cow dung and agricultural wastes. He does not cut down trees in his estate or start a fire there, instead he plants bamboo trees on which wild elephants feed. He has also not put any barriers in and around his plantations, so that wild animals from the jungle can freely roam around. It is therefore not surprising that his farms have been certified as the world's first "elephant friendly farms" by the World Wildlife Fund (WWF).

At close of the program, interested members from the audience were presented with a plant sapling each and urged to grow and nurture it in their own home gardens. This was in keeping with the customary practice embraced by

NRL EXOCON – a relatively young organization active in its pursuit of creating awareness of the need to conserve the natural environment of Assam and regenerate its degraded forests. Even last year in 2017 it successfully organized a conference on the theme "Greening Assam" and had honoured another eminent wildlife biologist & conservationist of Assam.



Noted environmentalist Shri Tenzing Bodosa was felicitated by NRL EXOCON

NEW RECRUITS

The following GETs/MT/ Officer joined NRL during the quarter

SN	Name	Joined as	Date of joining
1	Alok Kumar Shukla	GET (Electrical)	01.10.2018
2	Anurag Biswanath	Management Trainee (Fin.)	01.10.2018
3	Dhrubajyoti Barkataki	GET (IIS)	01.10.2018
4	Dibyajyoti Roy	GET (Chemical)	01.10.2018
5	Dweepjyoti Malakar	GET (Electrical)	01.10.2018
6	Giri Naga Sai Nutakki	GET (Chemical)	01.10.2018
7	Kaushik Konwar	GET (Instrumentation)	01.10.2018
8	Kesavarapu Uma Sai Mahesh	GET (Chemical)	01.10.2018
9	Nelson Daimary	GET (Chemical)	01.10.2018
10	Nishant Kumar Singh	GET (Electrical)	01.10.2018
11	Pragalbh Agarwal	Officer (Finance)-JG A	01.10.2018
12	Probin Barman	GET (Electrical)	01.10.2018
13	Ridip Dutta	GET (Civil)	01.10.2018
14	Rishabh Kumar	GET (Chemical)	01.10.2018

15	Suman Kumar	GET (Chemical)	01.10.2018
16	Surendar Saharan	GET (Instrumentation)	01.10.2018
17	Swarnotpal Kashyap	GET (Chemical)	01.10.2018
18	Jitu Haloi	GET (Mechanical)	22.10.2018
19	Suman Sarmah	GET (Mechanical)	22.10.2018
20	Priyanka Kumari	GET (Chemical)	29.10.2018



Welcome to our fold..



Superannuations



Mr. Naba Kumar Sarma, GM (HR) superannuated from the services of the Company on 30-10-18 after completing a tenure of over 24 years of service with NRL. He started his journey in NRL way back in March 1994 in the Commercial department. During his service he served in various departments like Township & Estate, Vigilance and finally superannuated from the HR department.

Mr. Pranab Kumar Sarma, CM (CSR) superannuated from the services of the Company on 31-12-2018. A warm send-off was given to Mr. Sarma at a farewell function held at *Gunjan* hall in Numaligarh. Having served the Company in various capacities throughout his service period, Mr. P K Sarma is a sports enthusiast and was actively involved in the sports circuit of NRL along with being an active member of Lions' Club Numaligarh.

The NRL family bids adieu to both of them while recalling their valuable contributions to the organisation. *We wish them both good health and a fulfilling life ahead!*

Condolence



Late Achyut Buragohain, an employee in Township & Estate Deptt. of NRL who had been working for last two decades in Refinery, NRMT and lastly at T & E left for his heavenly abode on 12-12-18 under tragic circumstances.

We offer our heartfelt condolences to the bereaved family and pray for the eternal peace of the departed soul.



Use Your Phone to Actually Boost Relaxation and Increase Productivity

With mobile use constantly on the rise, users are now spending as much as 3 hours and 15 minutes a day on their phone, most of it exploring different apps. While smartphones provide a handy way to check in and get information on virtually anything you would ever want to know, they can also be a distraction and source of stress.

While your smartphone has certainly proven its worth, it can also be used to help you unwind and de-stress too! Below, are several ways you can use your phone's capabilities to maximize your relaxation time and actually benefit your productivity.

Prioritize Your Phone Usage

Everyone has a different way they work most effectively, and technology inevitably plays a role in nearly every area of our day now. While there's no one-size-fits-all solution, the easiest place to start is with prioritization and setting barriers with the things you're conscious are most likely to distract you. You can keep calls, email and text messaging set to "do not disturb" at different points of the day where you know your volume of work is highest and you can't afford to be taken off task. Doing this will really help you define your to-do list and prioritize the most important activities throughout the day.

Turn Off All Notifications

Try not letting your phone make any noise but a ring. Not even text tones. When you do this, you make it easier to set it down and forget about it, and you also make it simpler to be more proactive when you are using your phone. These devices are designed for rabbit-hole style distraction. Notification here, link to app there, link to new page within app, article, video to play, it's

infinite. When all notifications are off, you choose what you go to and find and do with your phone.

Listen to Podcasts or Audiobooks

Since phones are most distracting when they're used for short-duration activities (for example, checking a notification, scrolling through a news feed, reading a message), try to use your phone only for longer activities, such as listening to podcasts or audiobooks, or reading a long article. This is particularly

choose from various apps that tell them how much time they spend on their devices, offering intricate break-ups as well. Minimizing the number of notifications you get from different apps is one way to go, and you might also want to consider putting your phone off before you go to bed. When you have free time, make use of apps that help you relax. Meditate, exercise, read, or listen to music.

Use Distraction Blocking Features

There's plenty of tools out there that will block social media and other distracting applications throughout the workday. Newer mobile operating systems are including functionalities that will raise awareness of device usage. Consumers can choose to limit certain applications and take control of their digital life. Having a strategy for creating time for deep, focused work will allow you to be more effective. And don't feel guilty for going off the grid for a few hours to complete important work.

Get Rid of Unnecessary Apps

It's tempting to download every app that sounds like it does something useful. But in truth, you probably only use a handful and the rest are distractions. Social media apps are especially distracting. At the very least, you should turn off notifications or make notifications silent so you aren't disturbed every time you get a new Facebook message. It really comes down to using your phone and other devices consciously. You're not obligated to be available 24/7 and you don't need to read every new message the second it arrives.



effective when you are travelling, or waiting in line. Consuming long-form content in this way will allow you to learn about subjects more deeply, and converts what would've otherwise been unproductive dead time into focus time.

Strike A Balance

It is crucial that we do not end up spending more "screen time" than is actually required, not only because it affects productivity, but also because of its adverse effect on health. Taking cues, both Android and Apple let users

CVO visits Kaliyani Club

As part of the visit of Shri Sunil Jain, Chief Vigilance Officer(CVO)- BPCL & NRL to Numaligarh and Guwahati from 30.09.2018 to 04.10.2018, a dinner was hosted by our MD Mr. S.K Barua on 01.10.2018 in the Kaliyani Club. A cultural programme was also organized on the occasion.



Navratri celebrated with fervour

Numali Club under the aegis of Kaliyani Club celebrated Navratri on 11th October 2018. Various competitions were organized amongst the members on 7th & 10th Oct' 18 like *Diya* and *Matka* decoration competition amongst

children and the dessert making competition for the ladies. On 11th October'18, *Dandiya* Nite was organized in the Club premises marking the beginning of Durga puja. The festivities ended with a sumptuous spread of delicacies.



Farewells Mr. Naba Kumar Sarma



On 31.10.2018, Kaliyani Club gave a warm farewell to its member **Mr. Naba Kumar Sarma** on his superannuation from the Company. A cultural program was organized on this occasion to mark the day followed by dinner. A memento was presented to Mrs. and Mr. Naba Kumar Sharma by Club President and CGM(HR i/c) Mr. Debashish Choudhury. 'Lifetime membership' of Kaliyani Club was also handed over to Mr. Sarma on the occasion.

Mr. P K Sarma



Members of Kaliyani Club gathered to bid farewell to **Mr. Pranab Kumar Sarma** on 28th Dec 2018 upon his superannuation from the Company on 31st Dec, 2018. An active member of Kaliyani Club, having a keen interest in sports, Mr. P.K. Sarma was a regular player of the Kaliyani Club Cricket Team. A cultural programme was organized in honor of Mrs. & Mr. P.K. Sarma which was performed by Chandan Das & Dimpay Sonowal. As a customary ritual, the Life Membership of the Club along with a memento was handed over to him on the occasion.

Children Festival 2018

“There is no garden as beautiful as Childhood. Every child is a different kind of flower; together they make this world a beautiful garden”.

To provide a platform to the children of Club members for showcasing their talents, like previous years Kaliyani Club organized Children Festival 2018 from 3rd to 14th of November 2018.

With the unfurling of the Children festival flag, the Festival was declared open by Club President Mr. Debashish Choudhury who also gave an inspiring speech to the children present. It was followed by a beautiful dance performance by the tiny tots along with release of colourful balloons.

Baby's Day Out was newly introduced in Children's Festival wherein all the babies were welcomed with Gift Hampers. Moreover, debating along with activity & learning workshop was also introduced for the first time. Many cultural & sports competitions were organized during the 12- day long festival among the children.

On 14th of November 2018, there was a scintillating dance performance by participants of 'Activity & Learning' workshop conducted by Kidzee, followed by Western Music played by 'HURRICANE' –the in-house band of students of DPS Numaligarh, a magic show and dance performance by invited child artist – Vishal Sarma



Glimpses of Children Festival

Shradhanjali to Dr. Bhupen Hazarika

Kaliyani Club in association with Numali Club fondly remembered *Sudhakantha* Dr. Bhupen Hazarika on his death anniversary on 5th Nov, 2018. A *Shradhanjali* ceremony was organized wherein members gathered to offer their tributes to the legendary personality.



Sparkling Diwali !

Like previous years, Diwali- the festival of lights was celebrated on 5th November 2018 at the Club premises with much fun and galore. Members along with their families gathered together at mini playground for a spectacular show of fire-crackers which was the center of attraction for young and old alike. Many activities were in store for the Diwali revelers like food & fun game stalls, ethnic clothing stalls, lucky draw and Tambola which kept the festivities alive.



Kaliyani Club Meet 2018 spreads good vibes

The much awaited flagship event of Kaliyani Club "The Club Meet 2018" themed *SPANDANA* was celebrated with fun and merriment from 21st to 23rd December 2018.

MD Mr. S K Barua hoisted the Kaliyani Club flag and declared the Club Meet open in presence of the club members and senior officials on the evening of 21st Dec'18. The Inter

Club Tennis Tournament was also inaugurated on the same day by Director (Technical) Mr. Bhaskar Phukan wherein teams from reputed Corporate Clubs of Assam participated.

Bearing a festive look, the entire club was ready for the very first day of the Club Meet ie. The Indian Nite on 21st





Dec 2018 evening. The evening started with the cutting of cake by first lady of NRL Mrs. Neelakshi Barua. The same was followed by musical performance by renowned singers Rohit Sonar and Gitali Kakoti who mesmerized the audience through their soulful renditions.

Gearing up for the 2nd day of the meet – the Western Nite on 22nd Dec 2018, the evening started off with fun games amongst all members. Popular band “Mo & the Shooting Stars” took the stage as the evening progressed and entertained the reveling club members with their foot tapping numbers, keeping everyone busy on the dance floor.

The Gazebo put up on the occasion looked stunning with the newly installed sharpies, blinders, LED and par lights. Many surprise and unexpected prizes under different categories were distributed among the members..

On the closing day of Club Meet 2018 i.e. 23rd Dec 2018, a Jam session was organized for the children followed by the Club Meet lottery and Tambola session. An outdoor unplugged music session by Chandrajyoti Sarma & Fency Rajkumari kept all members tapping their feet to the music beats. Club Meet 2018 was finally declared closed by Club Vice President Mr. M.K Pegu by lowering of the club flag.

Kalyanites revel in the Yuletide spirit

“Come one, come all ! Lets all join in the Christmas Cheer” was the call by Kaliyani Club to all its members to celebrate Christmas Eve on 24th December 2018. Santa Claus in his traditional attire arrived at Club premises with bucketful of Candies and sweets for children. Christmas cake cutting ceremony was followed by Carols melodiously performed by children and ladies, distribution of gifts to all and in-house band performances made the celebrations more joyful.



New Year's Eve Celebrated

New Year's Eve was celebrated on 31st December 2018 with lots of fun and gaiety. Kaliyanites revelled in the rocking numbers performed by the renowned band



'Recognition' from Guwahati. Members and their families gathered to bid goodbye to 2018 and welcomed the New Year 2019 with merriment and good vibes.



Farewell to Mr. Naba Kumar Sarma

A warm and befitting farewell function was hosted by Rangchali Club in honour of its President **Mr. Naba Kumar Sarma**, GM (HR) upon his superannuation from the company on 31st October 2018. All office bearers of Rangchali Club gathered together to wish him good health and happiness for his new innings.



Diwali celebrated amidst fun and enjoyment

Diwali -the festival of lights was celebrated with fun filled activities at the club premises from 6th to 8th November 2018. Members along with their families gathered together for a spectacular show of fire-crackers. A game of housie was organised where huge numbers of members and families took part. Members also tried they fortune in a lucky draw where many attractive prizes were won.



Children's Day celebrated

Along with the rest of the country, Rangchali club celebrated Children's Day on 14th November, 2018 commemorating the birth anniversary of Pt. Jawaharlal

Nehru. Along with various activities organized for the children of the Club members, everyone reveled in the evening with a dinner party.



Rangchali Club Election held

Rangchali Club election for session 2018-2021 was held on 21st Dec, 2018 at the club premises.



Vajpayee's Birth Anniversary observed

Rangchali Club observed the birth anniversary of former Prime Minister Shri Atal Bihari Vajpayee on 25th Dec, 2018 in the presence of members at the Club premises.

Welcoming 2019

Like previous years, this year too Rangchali Club bade farewell to 2018 & welcomed 2019 on 31st Dec, 2018 amidst festivities. A community feast was arranged for the members and their families alongwith a colourful DJ night performed by BRAHMIN group. Members and their families greeted each other at the stroke of midnight.



Workshop on Robotics

The Atal Tinkering Lab (ATL) of DPS Numaligarh invited five students of IIT Guwahati as resource persons for a workshop on Robotics from 1st -3rd October, 2018. The programme was inaugurated by lighting of the lamp by Mr. Mintu Handique, DGM(ER/PR) & Member of ATL committee; Mr. U.C Harbola, Principal DPS Numaligarh; Ms. Lonu Gogoi, Headmistress- DPS Numaligarh; Namita Bora, Senior Mistress- DPS Numaligarh and Dr. Sangeeta Bharali Datta, Convenor ATL.

The three day workshop saw an overwhelming response from the students of ATL Robotics Club of DPS Numaligarh and students of nearby schools attending Super-30 programme introduced under NRL's CSR. Participated by around 140 students, this workshop was based on Arduino and robot making with emphasis on coding. The knowledge inculcated from the workshop kept them on their toes with relentless effort in building robots pertaining to *Swatcchh Bharat* theme. The students were later awarded with certificates at the end of the workshop.

Hindi Pakhwada Organised

Hindi *Pakhwada* was organized in the school on 10th October 2018. Hindi Recitation Competition for Classes I-V was conducted as part of the *Pakhwada*. Students participated with enthusiasm and impressed the judges with correct diction and voice modulation. The winners of the competition were encouraged with exciting gifts.



Indian Music and Dance Competition 2018-19

The Indian Music and Dance Competition was organized in the Senior school premises on 31st October 2018.

All the four houses viz. *Dihing*, *Dikhow*, Dhansiri and Luit geared themselves up and participated with full zeal and determination to beat the other. The theme for dance ie. 'Folk Dances from Rajasthan, Haryana, Gujarat and Maharashtra', set the stage alit with colours, music and moves from these four western states. In the orchestra competition, all the four houses created an ensemble of rhythm and cadence by presenting Indian ragas in their full form. *Dikhow* House emerged as the winner in Dance and *Dihing* House bagged the Best performing team in Orchestra. The overall Best House Trophy was won by *Dikhow* House.

5th Foundation Day Celebration of Sukriti Resource Centre

Sukriti Resource Centre-the Special Wing of Delhi Public School Numaligarh celebrated its Fifth Foundation Day at Junior School on 27th October 2018.

The programme started with Lighting of the lamp followed by an address to the gathering by the Headmistress in the presence of students, teachers and parents of children of *Sukriti*. An AV presentation was showcased on the occasion by the Special Educator demonstrating the varied talents, capability and creativity of every child of *Sukriti*, which was followed by a choir.

All the children of *Sukriti* not only grooved and danced brilliantly but also walked the ramp with their siblings and teachers by singing along the song "We Shall Overcome" emphasizing the point that with love and patience nothing is impossible. The event ended with a Cake cutting ceremony followed by singing of the National Anthem.

Children's Day celebrated with gusto

A heartwarming programme was put up by the teachers for the children on 14th November 2018 as part of the Children's Day celebrations. The programme began with a prayer followed by dance, songs, mime presentation and tributes to Chacha Nehru. It was a memorable day for both the teachers as well as the students.





Annual Day Function organized with fervor

The alfresco of Delhi Public School, Numaligarh witnessed the glitz and glamour of its 12th Annual Day celebration on the theme '*Parivartan- The Change Within*' on 22nd December 2018. The entire school participated whole heartedly towards the success of this great event. The occasion was graced by MD NRL Mr. S.K. Barua as the Chief Guest along with other officials from NRL.

The programme commenced with the lighting of the Ceremonial lamp and felicitation of the guests. All the tiny tots of the Pre-Primary wing presented a potpourri of dance number displaying their innocence and joyfulness of childhood. The impeccable performance showcased by the students from Classes 1 to 3 transported everyone to the land of Africa, Japan, America, France and India depicting a multihued diverse culture, beautifully bringing forth the



commonness, the oneness that binds all the people of the world. The theme for Annual Day –'*Parivartan, The Change Within*' was meticulously presented by the students from grade IV –XII through a dramatically overwhelming play composed by Mrs. Anupa Harbola, depicting an interwoven journey into thriving compassion among characters and heart touching social themes. The play also had musical elements to bring symphony and melody into life.

The Annual report highlighting the school's achievement throughout the session of 2017-2018 was presented by our Principal Mr. U.C. Harbola. The coveted Academic prizes for school toppers, Marker Cup, Centum Cup, Scholar Blazer, Maroon Blazer, Awards in Sports (National Representation), Head Boy, Head Girl recognition, AISSCE(Class-XII) toppers and AISSE toppers(Class X) were given away by the dignitaries present. A new prize category being introduced this time was the Long Service Award which was given away to the teachers completing twenty years of dedicated service in the School.



The school magazine '*A Child's World*' was released by the Chief Guest on the occasion. Mr.S.K. Barua in his speech expressed his strong belief in the students and his desire to see DPS Numaligarh soaring high atop the other educational institutions in the country. He also congratulated everyone for the success of the Annual Function and attributed its success to all the members of DPS Numaligarh family. The function came to an end with the rendering of the National Anthem by all. Academic prizes being given away to the students and teachers.



Achievements

- DPS Numaligarh emerged winners in the Under-17 Girls category of the **CBSE Cluster-I Basketball Tournament** 2018-19 held at Miles Bronson Residential School, Borjhar, Guwahati from 7th to 9th September 2018.
- A team of fifteen budding swimmers participated in **CBSE Far East Zone Swimming Competition Cluster -1** at Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar which was held from 18th -21st October 2018. DPS Numaligarh team were able to clinch 4 gold, 2 silver and 6 bronze medals bringing altogether of 12 medals with their appreciable performance.
- In the **CBSE Far East Zone Teakwondo Tournament** organized by Modern English School, Guwahati from 30th September- 3rd October 2018 where Ms. Swagata



Deka, Ms. Aslesha Kashyap and Master Herculean Kashyap all won Silver medals in their resp. categories.

VK NRL Hospital Section

INFLUENZA (FLU)

Dr. Dwijendra Mili, MD (Ped)

Flu is a contagious respiratory illness caused by influenza viruses that infect the nose, throat, and sometimes the lungs. It can cause mild to severe illness, and at times can lead to death. The best way to prevent flu is by getting a flu vaccine each year.

Flu Symptoms

Flu can cause mild to severe illness, and at times can lead to death. Flu is different from a cold. Flu usually comes on suddenly. People who have flu often feel some or all of these symptoms:

- Fever
- Cough
- Sore throat
- Runny or stuffy nose
- Body aches
- Headache
- Chills
- Fatigue
- Sometimes diarrhea and vomiting

What is the difference between a cold and flu?

Flu and the common cold are both respiratory illnesses but they are caused by different viruses. Because these two types of illnesses have similar symptoms, it can be difficult to tell the difference between them based on symptoms alone. In general, flu is worse than the common cold, and symptoms are more intense. Colds are usually milder than flu. People with colds are more likely to have a runny or stuffy nose. Colds generally do not result in serious health problems, such as pneumonia, bacterial infections, or hospitalizations.

How can we tell the difference between a cold and the flu?

Because colds and flu share many symptoms, it can be difficult (or even impossible) to tell the difference between them based on symptoms alone. Special tests that usually must be done within the first few days of illness can tell if a person has the flu.

How Flu Spreads

Most experts believe that flu viruses spread mainly by tiny



droplets made when people with flu cough, sneeze or talk. These droplets can land in the mouths or noses of people who are nearby. Less often, a person might get flu by touching a surface or object that has flu virus on it and then touching their own mouth, nose or possibly their eyes.

Period of Contagiousness

We may be able to pass on flu to someone else before we know we are sick, as well as while we are sick.

- People with flu are most contagious in the first 3-4 days after their illness begins.
- Some otherwise healthy adults may be able to infect others beginning 1 day before symptoms develop and up to 5 to 7 days after becoming sick.
- Some people, especially young children and people with weakened immune systems, might be able to infect others with flu viruses for an even longer time.

Onset of Symptoms

The time from when a person is exposed and infected with flu to when symptoms begin is about 2 days, but can range from about 1 to 4 days.

Complications of Flu

Complications of flu can include bacterial pneumonia, ear infections, sinus infections and worsening of chronic medical conditions, such as congestive heart failure, asthma, or diabetes.

People at High Risk from Flu

Anyone can get flu (even healthy people), and serious problems

related to flu can happen at any age, but some people are at high risk of developing serious flu-related complications if they get sick. This includes people 65 years and older; people of any age with certain chronic medical conditions (such as asthma, diabetes, or heart disease), pregnant women, and children younger than 5 years.

Preventing Seasonal Flu

The first and most important step in preventing flu is to get a flu vaccine each year. Flu vaccine has been shown to reduce flu related illnesses and the risk of serious flu complications that can result in hospitalization or even death. CDC also recommends everyday preventive actions (like staying away from people who are sick, covering coughs and sneezes and frequent hand washing) to help slow the spread of germs that cause respiratory (nose, throat, and lungs) illnesses, like flu.

Diagnosing Flu

It is very difficult to distinguish flu from other viral or bacterial respiratory illnesses based on symptoms alone. There are tests available to diagnose flu.

Treating Flu

There are influenza antiviral drugs that can be used to treat flu illness. If we get sick with flu, antiviral drugs may be a treatment option.

When used for treatment, antiviral drugs can lessen symptoms and shorten the time we are sick by 1 or 2 days. They also can prevent serious flu complications, like pneumonia. For people at high risk of serious flu complications, treatment with antiviral drugs can mean the difference between milder or more serious illness possibly resulting in a hospital stay.

Picture Speak



Rally on National Voluntary Blood Donation Day on 1st October, 2018



Screening Camp on Cervical Cancer held at Rodowapathar on 7th December 2018

BPCL wins six PRSI Awards



BPCL has won six prestigious awards in various categories at the PRSI National Awards 2018. Of prime importance among them was the First Prize for the Best Public Sector Organisation. The other awards were for the Annual Report, Best Communication Programme (Internal Public) - Brand Quiz Baadshah, Best use of Social Media Campaign, Best Employee Communication Program - BPC Tarang (Internal Radio programme) and Best PSU Implementing RTI. The awards were presented by Hon'ble Chief Minister of Uttarakhand, Shri Trivendra Singh Rawat and Dr. Ajit Pathak, National President, PRSI at the 40th All India Public Relations Conference, which was organised by PRSI from 8th-10th December, 2018 at Dehradun.

Brand Quiz Baadshah enters Asia Book of Records as the largest Corporate Brand Engagement Program



The BPCL Brand Quiz Baadshah - 2018, a knowledge enhancement initiative, was adjudged as the largest Corporate Brand Engagement Program in Asia for employees and channel partners (RO dealers, LPG Distributors, Lube Distributors) and justifiably entered the Asia Book of Records and India Book of Records in 2018 with 12,646 participants. The objective of this mammoth event was testing the general knowledge related to BPCL and building brand equity and

awareness. Held from 26th June, 2018 to 12th October, 2018 the quiz programme was spread across 5 rounds, which included 2 online rounds and 3 live rounds, covering 23 cities. The scintillating Grand Finale was held at BPLC, Sewree on 12th October 2018 and was webcast live.

BPCL decorated with the Golden Peacock Award 2018



One more golden feather in the already decorated crown of BPCL was added on 25th October 2018, when the 'Golden Peacock Award 2018' for 'Excellent Corporate Governance' was presented to BPCL. This reflects BPCL's stellar achievement in meeting a high level of commitment to all stakeholders, while conducting its governance in a fair, transparent and ethical manner. This also is a tribute to BPCL's care for environment and service to society as a responsible corporate citizen. The Director General of the Institute of Directors presented the award at their global convention in London.

Mumbai Refinery conferred with the Gold Award under National Award for Manufacturing Competitiveness

In recognition of Mumbai Refinery's commitment towards Business Excellence and Manufacturing Competitiveness, International Research Institute for Manufacturing (IRIM) has conferred Mumbai Refinery with the Gold Award - (Special category) under the prestigious 'National Awards for Manufacturing Competitiveness (NAMC) 2017-18', along with





a special award for 'Strategic Leadership'. The assessment process involved shortlisting of organizations, carrying out onsite evaluation using a 'Priority Adapt Technique' exercise and arriving at the final ranking. This year, out of 92 organizations shortlisted, around 50 organizations were bestowed with NAMC Awards under various categories. BPCL (MR) won the Gold award while the Apex awards were bagged by Reliance Industries, Maruti Suzuki, L&T and UPL. Ms. Christina Ruggiero, CEO of Hindustan Coca Cola, presented the awards.

BPCL's Market Leadership appreciated



BPCL was recognized by India Inc. with the 'SKOCH Award for Corporate Excellence 2018' under the category 'Market Leadership', for maintaining its market share and brand equity as high as ever, warding off threats of de-carbonization, deregulation and privatization. High performing culture, a customer centric approach, particularly last mile delivery and proactive marketing initiatives are some of the factors that have contributed to this recognition.

Launch of MAK Honda Power

MAK Lubricants was proud to fly with Honda "Wings" with the launch of MAK Honda Power - extra premium 4-stroke 2-wheeler Engine Oil on 25th October 2018. MAK Lubricants was the selected partner for Honda Motorcycle and Scooter India Pvt. Ltd. (HMSI) for marketing their co-branded genuine oils - MAK Honda Power 4T 10W30 MA - Motorcycle Engine Oil and MAK Honda Power 4T 10W30 MB - Scooter Engine Oil across India. BPCL is the first and only co-branded 2 wheeler offering in the lubricants market, with maximum number of original equipment tie-ups in the 4T segment.

BPCL bags the First Prize for the Most Innovative Training Initiative

BPCL won the First Prize for 'Vizdome - The Video Learning platform' as the Best Innovative Practice in the domain of Learning and Development at the first L&D Symposium of the Oil Industry at IIPM, Gurugram on 4th and 5th October, 2018. The initiative stood out for its uniqueness of leveraging employees as content developers, creating a rich repository

of learning videos and as an innovative and effective medium of learning. BPCL was declared the winner of the LEAP Award for the most innovative training initiative of the year. The participants to the symposium were from IOCL, ONGC, HPCL, BPCL, EIL, OIL, GAIL E&Y, Deloitte, Franklin Covey, Blanchard International etc.

Food Grade Quality – Hexane launched

With the primary aim of promoting agro-processing, BPCL Kochi Refinery has launched the specialty product Food Grade Quality Hexane (FGQ Hexane) that could turn out



to be a boon for the agricultural sector of Southern India. Mr. D. Rajkumar, BPCL C&MD, flagged off the first truck carrying FGQ Hexane, which is being produced in the Isomerization unit of KR, part of the IREP. This is the first time that KR is producing a 'Food Grade Quality' product, which is mainly used as a solvent in the solvent extraction units for spices and vegetable oil, also by the drug and pharmaceutical industry as well as a solvent in other specialty applications. KR currently has the capacity to produce 5000 MT per year. This would help the food processing industry and the farming community and be a shot in the arm for the 'Make in India' initiative.

Project Management Institute Award for Mumbai Refinery

The BPCL Mumbai Refinery Project Team was once again recognized with the Runner-up Award in the category 'Project of the Year-Large Category' (Project costing more than Rs.1000 crores) by the Project Management Institute' (PMI), India. Shri. M Damodaran, Former Chairman, SEBI presented the award, which was hotly contested amongst 127 entries from many sectors of the economy like oil & gas, steel, infrastructure, automobile, IT etc.



MAK Lubricants Marks its Global Footprint in UAE and Kuwait

MAK Lubricants has been making its presence felt in select GCC countries like Kuwait, Oman, and Bahrain for the last few years. In continuance with its aggressive export expansion plans, MAK Lubricants launched the new MAK packs. MAK started a fruitful dialogue with ADNOC Distribution, part of the Abu Dhabi National Oil Company, which was established in 1973 as the first UAE government-owned company specialized in the national and international marketing and distribution of petroleum products. MAK also renewed ties with M/s Jassim Transport & Stevedoring Company, KSCC (JTC) BPCL's sole distributor, which is a \$1.8 billion, multinational business house with interests spanning across Oilfield Services, Port Management, Energy Solutions, City Transport and Fleet Management across Kuwait, Qatar, Saudi Arabia and Jordan.

Fusion of High End and Green Technology



On 26th December, 2018 BPCL commissioned a 72 station Flex Speed Carousel at Loni LPG Plant. An engineering marvel, the carousel exemplifies cutting edge technology, minimum human intervention, robust downstream facilities culminating in seamless filling of cylinders, less downtime, safe operations, environment friendly and expected realization of break-even in a very short span. The rated production of the carousel is a staggering 4200 cylinders per hour, with about 95% weight accuracy, trebling the bottling capacity of a regular carousel.

BPCL receives SKOCH Silver Award

BPCL's CSR flagship project i.e. Project Boond was awarded the Order of Merit as well as the Silver Award by SKOCH in the Oil and Gas Category. Project Boond on water conservation has been implemented in 4 States & 196 villages. The Awards Ceremony was organized by SKOCH Agency on 6th December, 2018. The program was inaugurated by Mr. Anand Kumar, Secretary, New and Renewable Energy, Government of India.



BPCL Mumbai Refinery receives IMEA Award 2018



BPCL Mumbai Refinery was recognised with the Gold award in the India Manufacturing Excellence Awards 2018 (IMEA) instituted by Frost & Sullivan under the Process Sector, Mega Large Business category. The award was presented by Mr. Panduranga Prabhu, Regional President, Power Train Solutions, Bosch Ltd., India and Mr. K R Srivastava, CEO, UPL Ltd. on 6th December 2018.

CRDC bags seven Awards in Frost & Sullivan's PREP 2018

Frost & Sullivan's Project Evaluation and Recognition Program (PREP)-2018 applauds establishments with revolutionary success stories, who actively achieve business goals, create competitive businesses, innovate and integrate sustainability principles into their business culture. On 6th December 2018, seven projects undertaken by CRDC were lauded – Winners in the Environment Leadership, Additive Manufacturing and Quality Enterprise Leadership categories, Jury's Special Mention in Digital Modeling and Certificates of Merit in the Cost Leadership, Environment Leadership and Additive Manufacturing categories. BPCL bagged the highest number of awards amongst all companies.



From this issue onwards, we will give you a glimpse of activities in M/s Brahmaputra Crackers and Polymers Limited (BCPL), a Public Sector Company implementing the prestigious Assam Gas Cracker Project, where NRL holds an equity of 10%.

Shri Pruthiviraj Dash Takes over as Director (Finance) in BCPL



Sh. Pruthiviraj Dash joined as Director (Finance) on 11th October 2018 on completion of tenure of Shri O.P. Tailor as Director (Finance). He joined BCPL in 2011 and was entrusted with numerous challenging tasks including cost revisions of projects, financial closures, project financing and treasury management. He demonstrated utmost financial prudence in arranging funds to meet the project expenses and timely servicing of interest and principal repayments without any default. He gained huge experience of corporate finance in BCPL and has also ensured implementation of several crucial systems and policies in the Finance Department.

BCPL hosts orientation programme for Capacity Building of Non-Official Directors of CPSE



On 17th and 18th December 2018 BCPL arranged the orientation programme for Capacity Building on non-official Directors of CPSE on behalf of Department of Public Enterprises (DPE), Government of India. The two day programme had sessions on various topics, Shri Madhukar Gupta, Additional Secretary, DPE being one of the resource

persons for the newly appointed directors. Various topics like CSR in CPSE's, Role & Responsibilities of Independent Directors in context of Companies Act 2013, Functioning of Audit Committee, perspectives on procurement etc. were discussed

Awards Galore

BCPL was recognized for its efforts in various spheres of activities. The company was awarded the '17th Annual Greentech Safety Award 2018' (Platinum Category) in Petrochemical Sector at a function held in Guwahati on 16th November 2018.

It also won ASSAM Best Employer Brand Awards 2018 during 13th Employer Branding Awards 2018-19 which was given away on 14th December 2018 at Guwahati.





अक्टूबर - दिसम्बर, 2018 के दौरान राजभाषा हिंदी के प्रगामी प्रयोग के लिए किए गए विशेष प्रयास

1. राजभाषा अधिनियम की धारा 3(3) का अनुपालन किया जा रहा है। हिंदी में प्राप्त पत्रों के उत्तर केवल हिंदी में दिए जाते हैं।
2. हिंदी में काम करने वाले कर्मचारियों को प्रोत्साहन योजना के तहत आकर्षक पुरस्कार देने का प्रावधान है। इस क्रम में 31 दिसम्बर, 2018 को समाप्त हुई तिमाही के दौरान 67 कर्मचारियों को ₹0 1,12,700.00 (रूपये एक लाख बार हजार सात सौ) केवल नकद पुरस्कार के रूप में दिया गया।
3. हिंदी स्कन्ध द्वारा 'आज का विचार' और 'तकनीकी शब्द' तैयार कर प्रतिदिन समस्त कर्मचारियों को ई-मेल के माध्यम से भेजा जा रहा है।
4. दिनांक 29-11-2018 को एस.एम.टी. सिलिगुड़ी में एक हिंदी कार्यशाला का आयोजन किया गया। उक्त कार्यशाला में संकाय सदस्य के रूप में श्री निर्मल कुमार डुवे, सहायक निदेशक (का0) राजभाषा विभाग, कोलकाता उपस्थित हुए।
5. नुमालीगढ़ रिफाइनरी द्वारा वर्ष 2017-18 के दौरान प्रकाशित हिंदी पत्रिका 'प्रयास' के आठवें अंक को नराकास (उपक्रम) द्वारा आयोजित प्रतियोगिता में तीसरी बार प्रथम पुरस्कार प्राप्त हुआ। प्रतियोगिता नराकास उपक्रम कार्यालयों के बीच आयोजित की गई थी। उक्त पुरस्कार नगर राजभाषा कार्यान्वयन समिति (उपक्रम) की 51वीं बैठक में अध्यक्ष, नराकास के कर कमलों से श्री देवाशीष चौधरी, मुख्य महाप्रबंधक (मा.स.) ने प्राप्त किया।
6. दिनांक 29/11/2018 को राजभाषा विभाग क्षेत्रीय कार्यान्वयन कार्यालय (पूर्व क्षेत्र) के सहायक निदेशक (का0), श्री निर्मल कुमार डुवे, सहायक निदेशक द्वारा एस.एम.टी. कार्यालय सिलिगुड़ी का राजभाषा कार्यान्वयन संबंधी निरीक्षण किया गया।
7. दिनांक 5/12/2018 को राजभाषा विभाग, क्षेत्रीय कार्यान्वयन कार्यालय (पूर्वोत्तर) क्षेत्र, गुवाहाटी के अनुसंधान अधिकारी (का0) श्री बदरी यादव द्वारा एन.आर.एल. साइट कार्यालय, नुमालीगढ़ का राजभाषा कार्यान्वयन संबंधी निरीक्षण किया गया।

सन्यासी की जड़ी-बूटी

प्रियांकु प्रियम कश्यप

बहुत समय पहले की बात है, एक वृद्ध सन्यासी हिमालय की पहाड़ियों में कहीं रहता था। वह बड़ा ज्ञानी था और उसकी बुद्धिमत्ता की ख्याति दूर-दूर तक फैली थी। एक दिन एक औरत उसके पास पहुँची और अपना दुखड़ा रोने लगी, बाबा मेरा पति मुझसे बहुत प्रेम करता था, लेकिन वह जबसे युद्ध से लौटा है ठीक से बात तक नहीं करता।

युद्ध लोगों के साथ ऐसा ही करता है। सन्यासी बोला।

लोग कहते हैं कि आपकी दी हुई जड़ी-बूटी इंसान में फिर से प्रेम उत्पन्न कर सकती है। कृपया आप मुझे वो जड़ी-बूटी दे दें। महिला ने विनती की।

सन्यासी ने कुछ सोचा और फिर बोला, देवी मैं तुम्हें वह जड़ी-

बूटी जरूर दे देता लेकिन उसे बनाने के लिए एक ऐसी चीज चाहिए जो मेरे पास नहीं है।

आपको क्या चाहिए मुझे बताइए मैं लेकर आऊंगी। महिला बोली।

मुझे बाघ की मूँछ का एक बाल चाहिए। सन्यासी बोला।

अगले ही दिन महिला बाघ की तलाश में जंगल में निकल पड़ी। बहुत खोजने के बाद उसे नदी के किनारे एक बाघ दिखा। बाघ उसे देखते ही दहाड़ा, महिला सहम गयी और तेजी से वापस चली गयी।

अगले कुछ दिनों तक यही हुआ। महिला हिम्मत कर के उस बाघ के पास पहुँचती और डर कर वापस चली जाती। महीना



बीतते-बीतते बाघ को महिला की मौजूदगी की आदत पड़ गयी और अब वह उसे देख कर सामान्य ही रहता। अह तो महिला बाघ के लिए मांस भी लाने लगी। और बाघ बड़े चाव से उसे खाता। उनकी दोस्ती बढ़ने लगी और अब महिला बाघ को थपथपाने भी लगी। और देखते-देखते एक दिन वो भी आ गया जब उसने हिम्मत दिखाते हुए बाघ की मूँछ का एक बाल भी निकाल लिया।

फिर क्या था, वह बिना देरी किए सन्यासी के पास पहुँची और बोली मैं बाल ले आई बाबा।

बहुत अँछे- और ऐसा कहते हुए सन्यासी ने बाल को जलती हुई आग में फेंक दिया।

‘अरे ये क्या बाबा, आप नहीं जानते इस बाल को लाने के लिए मैंने कितने प्रयत्न किए और आपने इसे जला दिया.. अब मेरी जड़ी-बूटी कैसे बनेगी?’ महिला घबराते हुए बोली।

अब तुम्हें किसी जड़ी-बूटी की जरूरत नहीं है। सन्यासी बोला। जरा सोचो- तुमने बाघ को किस तरह अपने वश में किया... जब एक हिंसक पशु को धैर्य और प्रेम से जीता जा सकता है तो क्या एक इंसान को नहीं? जाओ जिस तरह तुमने बाघ को अपना मित्र बना लिया उसी तरह अपने पति के अन्दर प्रेम भाव जागृत करें।

महिला सन्यासी की बात समझ गयी। अब उसे उसकी जड़ी-बूटी मिल चुकी थी।

एक कलम मित्र के लिए

अख्तर हुसैन

सुबह-सुबह कैंटिन की एक गरम चाय

और तुम,

सदा याद रहोगे,

कर्म जीवन में।

मित्र तुम्हारे अलविदा के समय

यह दो अति आदरणीय पंक्तियाँ

जीवन की किसी एक पल

हँसी मजाक अथवा

फूर्ति के माहौल बनाया रखा था

मेरा समय।

कौन जाने?

जीवन के अंतिम समय

फिर कभी मुलाकात होगी या नहीं?

फिर भी मित्र

आशा करता हूँ

जीवन में दुबारा मुलाकात होगी।।



देश मेरा

अनुप कुमार शर्मा

पल पल मन में रहता है ये आशा,

सबसे सुंदर तथा महान बने देश हमारा,

उम्मीदों से आगे आशाओं से परे,

सारे जहाँ से अच्छा ये देश मेरा।

कठिनाई पर्वत की ऊँचाई सा,

बाधाएं सागर की गहराई सा,

फिर भी सबको पार करके,

सूरज सा चमके ये देश मेरा।

परिवर्तन के इस युग में,

सामाजिक असहिष्णुता के इस पल में,

सबके मन और मान्यताओं को लेकर,

सबसे आगे रहे ये देश मेरा।

हजारों सालों की ये गौरव गाथा,

करोड़ों हृदय की ये आत्म कथा,

कायम रहेगी हमेशा ये एकता,

सारे जहाँ से अच्छा ये देश मेरा।।

কালিয়নী ক্লাবৰ সামাজিক উন্নয়ন বিভাগৰ কৰ্মৰাজী

যোৱা ৩/১২/২০১৮ তাৰিখে ক্লাবৰ কাৰ্য্যকৰী সমিতিৰ সভাপতি, উপসভাপতি সমন্বিতে বিষয় ববীয়াৰ এটা দলে দিল্লী পাব্লিক স্কুল, নুমলীগড়ৰ শিক্ষয়িত্ৰী শ্ৰীমতী কলাবতী নাথনক দুৰাৰোগ্য ৰোগৰ চিকিৎসাৰ বাবে ক্লাবৰ তৰফৰ পৰা এক লাখ টকাৰ এটা এককালীন সাহায্য প্রদান কৰে। বৌদ্ধিক ক্ষেত্ৰখনৰ উন্নতিৰ হকেও ক্লাবে বিভিন্ন শিক্ষাৰ্থিক আৰ্থিক সাহায্য প্রদান কৰি আহিছে। উদাহৰণ স্বৰূপে যোৱা চেপ্তেম্বৰ মাহত আৰ্থিকভাবে একেবাৰে দুখীয়া অথচ মেধাবী ছাত্ৰ তিনিজনক দহ হেজাৰ টকাকৈ আৰ্থিক অনুদান আগবঢ়ায়। ইয়াৰ উপৰিও বোকাখাটত অন্ধবিদ্যালয় সমূহৰ মাজত অনুষ্ঠিত হোৱা খেল ধেমালী প্রতিযোগিতাত ক্লাবৰ তৰফৰ পৰা প্ৰায় ৪০০০/- টকাৰ বিভিন্ন সামগ্ৰী যোগান ধৰা হয়।



নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ দ্বি-বাৰ্ষিক অধিবেশন সম্পন্ন

নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ দ্বি-বাৰ্ষিক অধিবেশন যোৱা ২৬, ২৭ আৰু ২৮ অক্টোবৰত বিস্তৃত কাৰ্য্যসূচীৰে সম্পন্ন হৈ যায়। ২৬ তাৰিখে ৰাতিপূৱা ০৯.৩০ বজাত নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ সভাপতি শ্ৰীযুত পংকজ কুমাৰ বৰুৱাই অসম সাহিত্য সভাৰ পতাকা উত্তোলনেৰে দ্বি-বাৰ্ষিক অধিবেশনৰ কাৰ্য্যসূচীৰ শুভাৰম্ভ কৰে। সিদিনা বিয়লি ০৪.০০ বজাত শ্ৰীযুত পংকজ কুমাৰ বৰুৱাই ‘ড° মামণি ৰয়ছম গোস্বামী সৌৰবণী গ্ৰন্থমেলা’ৰ দ্বাৰা মুকলি কৰে। অসম তথা পশ্চিমবঙ্গৰ বহুকেইটা আগশাৰীৰ প্ৰকাশন গোষ্ঠী অংশগ্ৰহণ কৰা উক্ত গ্ৰন্থমেলা তিনিদিনৰ বাবে মুকলি থাকে আৰু বিপুল সংখ্যক ছাত্ৰ-ছাত্ৰী আৰু সাহিত্যানুৰাগীয়ে বহু কিতাপ ক্ৰয়ৰে গ্ৰন্থমেলা সাৰ্থক কৰি তোলে। গ্ৰন্থমেলা স্থলিতে বিয়লি ০৫.০০ বজাৰ পৰা ছাত্ৰ-ছাত্ৰীৰ মাজত ‘আবৃত্তি’ আৰু ‘আকণ্ঠিক বক্তৃতা’ প্রতিযোগিতা অনুষ্ঠিত কৰা হয়।

সংগীত’ প্রতিযোগিতা অনুষ্ঠিত কৰা হয়। উল্লেখযোগ্য যে শাখা সাহিত্য সভাৰ তৰফৰ পৰা কৰা অনুৰোধ ৰক্ষা কৰি অসম সাহিত্য সভাৰ সভাপতি মাননীয় শ্ৰীযুত পৰমানন্দ ৰাজবংশীদেৱ উপস্থিত হৈ ছাত্ৰ-ছাত্ৰীক উদ্দেশ্যি প্রতিযোগিতাৰ উন্মোচনী ভাষণ ৰাখে। প্রতিযোগিতা সমূহত ছাত্ৰ-ছাত্ৰীৰ অংশগ্ৰহণ আছিল উৎসাহজনক। বিয়লি ০৭.০০ বজাত শাখা সাহিত্য সভাৰ সদস্য-সদস্যৰ উপস্থিতিত বিষয় বাচনি সভা অনুষ্ঠিত কৰা হয়। উক্ত সভাত শাখা সাহিত্য সভাৰ সভাপতি শ্ৰীযুত পংকজ কুমাৰ বৰুৱাই বৰ্তমানৰ কাৰ্য্যকৰী সমিতি ভংগ হোৱাৰ কথা ঘোষণা কৰে আৰু সভাই সৰ্বসন্মতিক্ৰমে শ্ৰীযুত হেমন্ত কুমাৰ নাথক সভাপতি আৰু শ্ৰীযুত দিলীপ শইকীয়াক সম্পাদক হিচাপে নিৰ্বাচন কৰাৰ লগতে অন্যান্য বিষয়ববীয়া সমূহো নিৰ্বাচন কৰি পৰৱৰ্তী দুবছৰীয়া কাৰ্য্যকালৰ বাবে এখনি নতুন শক্তিশালী কাৰ্য্যকৰী সমিতি গঠন কৰি দিয়ে।

২৭ তাৰিখে বিয়লি ০৪.০০ বজাৰ পৰা ছাত্ৰ-ছাত্ৰীৰ মাজত ‘ভূপেন্দ্ৰ

২৮ তাৰিখে ৰাতিপূৱা ০৯.৩০ বজাত বহু সংখ্যক ছাত্ৰ-ছাত্ৰীৰ উপস্থিতিত



শোধানাগাৰ শাখা সাহিত্য সভাৰ বাৰ্ষিক মুখপত্ৰ-কাঁচিয়ালি উন্মোচন কৰে বিশিষ্ট সাহিত্যিক শ্ৰীযুতা মণিকুন্তলা ভট্টাচাৰ্য মহোদয়াই



নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ বিদায়ী সভাপতি শ্ৰীযুত পংকজ কুমাৰ বৰুৱা দেৱক বিশেষ সম্বৰ্ধনা

সাধুকোৱা অনুষ্ঠান অনুষ্ঠিত কৰা হয়। উক্ত অনুষ্ঠান পৰিচালনা কৰে জনপ্ৰিয় আলোচনী 'মৌচাক'ৰ সম্পাদক শ্ৰীযুত শান্তনু তামুলীদেৱে। বিয়লি ০৫.০০ বজাৰ পৰা মুকলি সভা অনুষ্ঠিত কৰা হয়। শাখা সাহিত্য সভাৰ মহিলা সদস্য সকলৰ দ্বাৰা অসম সাহিত্য সভাৰ আৰম্ভণি গীত পৰিৱেশনেৰে মুকলি সভাৰ কাৰ্য্যসূচী আৰম্ভ কৰা হয়। সভাত বিশিষ্ট উপন্যাসিক, গল্পকাৰ শ্ৰীযুত মণিকুন্তলা ভট্টাচাৰ্য্য বিশিষ্ট অতিথি হিচাপে উপস্থিত থাকি অসমীয়া সমাজত মহিলা শক্তিৰ গুৰুত্বৰ বিষয়ে শুৱলা ভাষণেৰে সকলোকে আপলুত কৰে। মুকলি সভাত আমন্ত্ৰিত অতিথি হিচাপে উপস্থিত থাকে অসম সাহিত্য সভাৰ কাৰ্য্যকৰী সদস্য শ্ৰীযুত হেমেন হাজৰিকা, গোলাঘাট জিলা সাহিত্য সভাৰ সম্পাদক মঃ তফজ্জুল হক বৰবৰা, নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ প্ৰাক্তন সভাপতিদ্বয় শ্ৰীযুত অশোক কুমাৰ সেনাপতি আৰু শ্ৰীযুত গদাধৰ ডেকাদেৱে। উক্ত মুকলি সভাত পত্ৰিকা সম্পাদক শ্ৰীযুত অজিত কুমাৰ দাসৰ সম্পাদনাত প্ৰকাশ হোৱা নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ বাৰ্ষিক মুখপত্ৰ 'কাঁচিয়লি' উন্মোচন কৰে বিশিষ্ট সাহিত্যিক শ্ৰীযুত মণিকুন্তলা ভট্টাচাৰ্য্য মহোদয়ই। উক্ত সভাতে নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ বিদায়ী সভাপতি শ্ৰীযুত পংকজ কুমাৰ বৰুৱাদেৱক তেখেতৰ



সাংস্কৃতিক সন্ধিয়া'ৰ মঞ্চতে শ্ৰীযুত সূৰ্য্য দাসদেৱক বিপুলভাৱে সম্বৰ্ধনা



আমন্ত্ৰিত জনপ্ৰিয় শিল্পী শ্ৰীযুত ৰূপম ভূঞা আৰু শ্ৰীযুতা যুথিকা পাটগিৰিৰ গীত পৰিৱেশনৰ উপৰিও সুৰৰ দেউল গোষ্ঠী আৰু নগৰাঞ্চল শিশু সকলে পৰিৱেশন কৰা মনোমোহা অনুষ্ঠানৰ এটি মুহূৰ্ত



কৰ্মজীৱনৰ অৱসৰহেতুকে তেখেতক সভাৰ তৰফৰ পৰা বিশেষ সম্বৰ্ধনা জনোৱা হয়। মুকলি সভাৰ মঞ্চতেই বিভিন্ন প্ৰতিযোগিতাৰ বিজেতা সকলক বঁটাসমূহ প্ৰদান কৰাৰ উপৰিও বহুকেইগৰাকী আৱেদনকাৰীক শাখা সাহিত্য সভাৰ হাতত আহি পৰা অসম সাহিত্য সভাৰ সন্মানীয় 'হিতৈষী সভ্য' আৰু 'আজীৱন সভ্য'ৰ প্ৰমাণ পত্ৰ সমূহো প্ৰদান কৰা হয়।

মুকলি সভাৰ সমাপ্তিৰ লগে লগে 'সাংস্কৃতিক সন্ধিয়া' অনুষ্ঠিত কৰা হয়। 'সাংস্কৃতিক সন্ধিয়া' উদ্বোধন কৰে স্বনামধন্য গণশিল্পী শ্ৰীযুত সূৰ্য্য দাস দেৱে। উক্ত 'সাংস্কৃতিক সন্ধিয়া'ৰ মঞ্চতে শ্ৰীযুত সূৰ্য্য দাস দেৱক বিপুলভাৱে সম্বৰ্ধনা জনোৱা হয়। ইয়াৰ পিছতেই বিশিষ্ট গীতিকাৰ, সুৰকাৰজনে তেখেতৰ বলিষ্ঠ কণ্ঠেৰে কেইটামান জনপ্ৰিয় গীত পৰিৱেশন কৰি সকলোকে আপলুত কৰে। 'সাংস্কৃতিক সন্ধিয়া'ত আমন্ত্ৰিত জনপ্ৰিয় শিল্পী শ্ৰীযুত ৰূপম ভূঞা আৰু শ্ৰীযুতা যুথিকা পাটগিৰিৰ গীত পৰিৱেশনৰ উপৰিও 'সুৰৰ দেউল' গোষ্ঠীৰ শিল্পীয়ে অনুষ্ঠান পৰিৱেশন কৰে। ইয়াৰ উপৰিও নগৰাঞ্চলৰ শিশু সকলে পৰিৱেশন কৰা মনোমোহা অনুষ্ঠানে উপস্থিত সকলোকে বিমল আনন্দ দিয়ে।



সভাৰ বিশিষ্ট অতিথি বিশিষ্ট উপন্যাসিক, গল্পকাৰ শ্ৰীযুত মণিকুন্তলা ভট্টাচাৰ্য্যক সম্বৰ্ধনা



কোকিলকণ্ঠী গায়িকা পদ্মশ্ৰী দীপালী বৰঠাকুৰৰ মৃত্যুত শোক প্ৰকাশ

কোকিলকণ্ঠী গায়িকা পদ্মশ্ৰী দীপালী বৰঠাকুৰৰ মৃত্যুত ২৩-১২-২০১৮ তাৰিখ দেওবাৰে সন্ধিয়া নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ কাৰ্যালয় প্ৰাঙ্গণত অনুষ্ঠিত এখনি শোক সভাই গভীৰ শোক প্ৰকাশ কৰে। সভাই প্ৰতিথযশা শিল্পীগৰাকীৰ মৃত্যু অসমৰ সংগীত জগতৰ এক অপূৰণীয় ক্ষতি বুলি মত পোষণ কৰে। সভাই থিয় হৈ এক মিনিট সময় মৌন প্ৰাৰ্থনাৰে স্বৰ্গগত বিদেহী আত্মাৰ চিৰশান্তি কামনা কৰে আৰু শোক সন্তপ্ত পৰিয়ালবৰ্গলৈ সমবেদনা জ্ঞাপন কৰি প্ৰস্তাৱ গ্ৰহণ কৰে। উক্ত প্ৰস্তাৱৰ প্ৰতিলিপি নুমলীগড় শোধানাগাৰ শাখা সাহিত্য সভাৰ উপদেষ্টা শ্ৰীযুত পংকজ কুমাৰ বৰুৱা আৰু সহকাৰী সম্পাদক শ্ৰীযুত অজিত কুমাৰ দাসে পদ্মশ্ৰী দীপালী বৰঠাকুৰৰ গৃহত উপস্থিত হৈ তেখেতৰ স্বামী বিশিষ্ট চিত্ৰশিল্পী শ্ৰীযুত নীলপৰন বৰুৱাদেৱৰ হাতত অৰ্পণ কৰে আৰু তেখেতক সমবেদনা জ্ঞাপন কৰি সান্ত্বনা জনায়।



পদ্মশ্ৰী দীপালী
বৰঠাকুৰৰ গৃহত
উপস্থিত হৈ তেখেতৰ
স্বামী বিশিষ্ট চিত্ৰ শিল্পী
শ্ৰী যুত নীল পৰন
বৰুৱাদেৱৰ হাতত
প্ৰস্তাৱৰ প্ৰতিলিপি অৰ্পণ

অসম সাহিত্য সভাৰ ১০২ সংখ্যক প্ৰতিষ্ঠা দিৱস উদযাপন



২৭ ডিচেম্বৰ, ২০১৮ ত কুৰালগুৰি শাখা সাহিত্য সভাৰ সহযোগত, গুণপ্ৰভা দত্ত উচ্চ মাধ্যমিক বিদ্যালয়, বৰুৱা বামুণ গাঁওত দিনজোৰা কাৰ্যসূচীৰে গোলাঘাট জিলা সাহিত্য সভাই, অসম সাহিত্য সভাৰ ১০২ সংখ্যক প্ৰতিষ্ঠা দিৱস উদযাপন কৰে। ৰাতিপুৱা ০৯.০০ বজাত সাহিত্য সভাৰ প্ৰথম পতাকা উত্তোলন কৰে গোলাঘাট জিলা সাহিত্য সভাৰ সভাপতি শ্ৰীযুত সুৰেন্দ্ৰ মোহন হাজৰিকাদেৱে। পতাকা উত্তোলনৰ লগে লগে অসমৰ জাতীয় সংগীত পৰিৱেশন কৰা হয়। জাতীয় সংগীত পৰিৱেশনৰ সময়তে জিলা সমিতিৰ বিষয়ববীয়া, হিতৈষী আজীৱন সভ্য আৰু অন্যান্য বিশিষ্ট ব্যক্তিসকলে অসম সাহিত্য সভাৰ অন্য ১০১ খন পতাকা উত্তোলন কৰে।



S K Barua



MD's New Year Message 2019

My Dear Colleagues,

At the onset, I take this opportunity to extend my heartiest good wishes to you and your family for a Happy New Year 2019.

The year 2018 has truly been one of notable accomplishments which manifested in many of the Company's plans and projects reach its successful fruition. Crude oil prices started rising steadily to cross \$86/bbl, owing mainly to oil producers starting output cuts from January, before a sharp correction in the latter half of the year to bring it below \$50/bbl. Arduous efforts of Team NRL have paid off with élan and fresh hopes and challenges beckon as we embark on another brand new calendar year 2019 with optimism and positivity.

The most discernible reason to feel upbeat about at this point in time is undoubtedly the Refinery's mega expansion plans from 3 MMTPA to 9 MMTPA that is all set to take off. We need to gear up to face this challenge head on with our collective effort, prudence and resources; leveraging on good will and support of our stakeholders and well-wishers. We are lucky to be able to be part of this mammoth project that would uplift the region into a new era of economic development. It is however important not to compromise on procedures and safety at every step, as we stride ahead.

Our whole hearted efforts to set up the first ever Bamboo Refinery in the country with bamboo biomass as feed stock precipitated with the formation of the JV named Assam Bio Refinery Pvt. Ltd. in April 2018, which is one of the few Foreign Direct investments (FDI) in Assam. As a step towards ushering in a gas based economy, our Company also joined hands with IOCL, ONGC, GAIL & OIL to form another JV, namely Indradhanush Gas Grid Limited during July 2018 to implement the North East Gas Grid which would ensure clean auto fuel and kitchen fuel in all State Capitals of the North East.

Our global footprint extended to many more countries with export of Wax, while the upcoming India Bangladesh Friendship pipeline will seal our long term relationship with the country for export of HSD. Myanmar is another market that we are actively pursuing for export of Wax and HSD, with baby steps already taken in this direction.

We have treaded a long way indeed in our 25 year long journey as a Company but have miles to go. Our hallmark has been our value system based on commitment, integrity and teamwork, which is sacrosanct and needs to be preserved at all costs.

While business remains our mainstay, we have equal responsibility towards the environment, community and society at large. Empathy and compassion in our individual capacity towards our less privileged brethren and sincere efforts in conserving the environment and ecology around would contribute in making this world a better place to live in.

I wish to thank all of you for your contribution in your respective areas of work and beyond. I also take the opportunity to thank all NRL family members who have stood by as rock solid support at all times; our valuable associates- DPS Numaligarh and VK NRL Hospital, CISF; our esteemed stakeholders and well wishers who have enriched NRL no end. Together, we will march ahead to reach even greater heights.

With these few words, I wish you and your family a happy and safe New Year 2019 filled with happiness, peace, accomplishments and satisfaction.

With sincere regards,

S K Barua
Managing Director

31-12-2018
Guwahati

Nature's bounty

*Clicked through the lens of **Syed Sirajul Mannan Rajbi**, CPP Control room*

