

NUMALIGARH
REFINERY
LIMITED

A GOVERNMENT OF SIKIM ENTERPRISE



Sowing trust. Reaping smiles.

CSR Brochure

MESSAGE



I am pleased to know that NRL's contribution as a responsible corporate citizen has earned it several accolades. Apart from focusing on improving the quality of life of people in this region, the Company has been making conscious efforts at every stage to ensure that the ecology and environment of its surroundings remain pristine and the rich heritage of the Northeast is preserved for posterity.

NRL has consistently strived to reach out to society through its CSR programs following a scientific, structured and need based approach to identify schemes thus ensuring sustainable development in the region.

The NRL model lays special emphasis on engaging with people, imparting them the requisite skills, making them self-reliant and enabling them to recognize and leverage opportunities for their own betterment as well as the upliftment of society.

I understand that NRL's CSR journey this far has been a process of conceptualizing, implementing, evaluating and learning - a thoroughly enriching and satisfying experience.

This publication is a sincere effort to portray the ethos of NRL's CSR - showcasing its various facets and celebrating the success stories.

My best wishes to the NRL team. I hope this journey continues to gain momentum and enhances the lives of numerous people along the way!!

With best regards,

A handwritten signature in blue ink, appearing to read 'S. Varadarajan', written in a cursive style.

S. Varadarajan
Chairman

MESSAGE



No business - refining in particular - can thrive without the cooperation of the society around it. We at NRL realize that our long-term success is in large measure dependent on building a better world around.

People in Assam fondly refer to Numaligarh Refinery Limited as Assam Accord (1985) Refinery. It reflects their emotional attachment to the refinery that has gone beyond refining to become a popular energy brand called NRL. Synergizing business goals with social care has made this possible.

In May 2013, London hosted the Responsible Business Summit. It explored the future of sustainability in the business world and a strategy firms can develop to help them grow while providing benefit to society. A few strong, salient points came out of that event - such as "when the wind blows, some build walls and some build windmills". But the point that struck the chord was: "Business cannot be successful when the society around them fails."

NRL has also been an example of industry-nature coexistence derived from the Indian tradition of respecting the air, water and earth that sustain lives. It is inspired by the simple philosophy of spreading goodness and positive vibes in our surroundings. The Most Eco-friendly PSU award bestowed upon us by India Today Group in 2014 bears testimony to our green credentials.

NRL's Corporate Social Responsibility is not merely an official program. It is what we do every day to bring a change for the better in our neighbourhood, the environment and ecology around and the society at large - as this update on our CSR initiatives underlines.

With sincere regards,

A handwritten signature in blue ink, appearing to read 'P. Padmanabhan'.

P. Padmanabhan
Managing Director

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NUMALEGENDS



Fortress of Princess Numali

Numaligarh derives its name from Numoli Kunwori, a 15th century princess and daughter of Kachari king Numolia Kunwor. There is no historical record or manuscript on her life and times, but the princess still lives in the legends and folklore of Assam. A popular belief is that the dilemma over her love affair with an Ahom youth and the responsibility of ruling the kingdom after her father's death, made her commit suicide by drowning

in river Dihing. Another belief is that Ahom king Supimpha (1497 AD) had her married off to a Naga leader and settled them in his land. The king built a garh (fortress) on this land to protect her. The fortress came to be known as Numaligarh.



Deoparbat archaeological site

Close to Kaziranga National Park, Deoparbat or Deopahar is a hillock scattered with stone carvings and ruins of temples from the 8th and 9th centuries. The central Shiva temple here was destroyed in a major earthquake in 1897. The archaeological site on Asian Highway 1 adjoins the Deopahar Reserve Forest and the Numaligarh Tea Estate. Stone steps leading to the ruins guarantees exhaustion, but the view from the top more than makes up for it.



Honeybee tree

Bees are among the most sensitive ecological indicator species; changes in atmospheric conditions affect them faster than other creatures. Close to the refinery, in Deopahar forest range, is a honeybee tree that houses several bee hives. Thousands of honeybees come to this tree every year, and this phenomenon made the Assam government declare it a heritage tree. The honeycombs on this tree, perhaps, underline NRL's commitment to a clean environment.



ENERGY OF THE EAST

EARTH'S BEST source of energy, the sun doesn't just rise in the east. It lights up lives. The hydrocarbon sun called Numaligarh Refinery too rises in India's East.

The refinery at Numaligarh in eastern Assam's Golaghat district was set up under a provision of the historic Assam Accord signed on August 15, 1985. It has been a symbol of Assam's industrial and economic development in its quest to be one of the best refining PSUs since commencing production in October 2000.

The refinery has also endeavoured to brighten the world around. Being in the neighbourhood of Kaziranga National Park, one of the best conserved green landmarks on earth and the abode of the famous one-horned rhinos underscores this effort.





From refining
to nurturing the
ecosystem, NRL
has rewritten
the standards
of excellence.

BEYOND REFINING

NUMALIGARH REFINERY LIMITED, more popular as energy brand NRL, enjoys in abundance the emotional attachment of the people from where it initiated this journey. This goodwill has been harvested from years of sowing trust - through business and operational excellence and most importantly through community development initiatives.

Incorporated on April 22, 1993, NRL was dedicated to the nation by former Prime Minister Atal Bihari Vajpayee on July 9, 1999. It started commercial production in October 2000. Since then, the 3 MMTPA refinery has been a leading performer among PSUs, redefining the way fuels are produced. Its focus and commitment towards socio-economic development of Assam fuelled by sustainable growth has earned NRL the status of Mini Ratna PSU.

M/s Bharat Petroleum Corporation Limited, M/s Oil India Limited and the Government of Assam have equity stakes in NRL. But the real stakeholders are the people of Assam for whom the refinery was conceptualised. Their cooperation through thick and thin has helped NRL grow, increasing its range of products along its journey.

Today, NRL's product profile comprises of liquefied petroleum gas (LPG), naphtha, motor spirit (MS), high speed diesel (HSD), aviation turbine fuel (ATF), superior kerosene oil (SKO), raw petroleum coke (RPC), calcined petroleum coke, sulphur, wax and nitrogen.

From refining to nurturing the ecosystem, NRL has rewritten the standards of excellence. This is evident from a string of global (ISO) certifications that it has garnered over the years starting from the very basic quality management system, environment management system, and occupational health and safety management system to being a forerunner in embracing new and advanced certifications for information security management system and energy management system.

NRL's initiatives prioritize the extent of underdevelopment, genuine needs of the people and feasibility of a project.



CSR ETHOS

No success in material terms is worthwhile unless it serves the needs or interests of the country and its people.

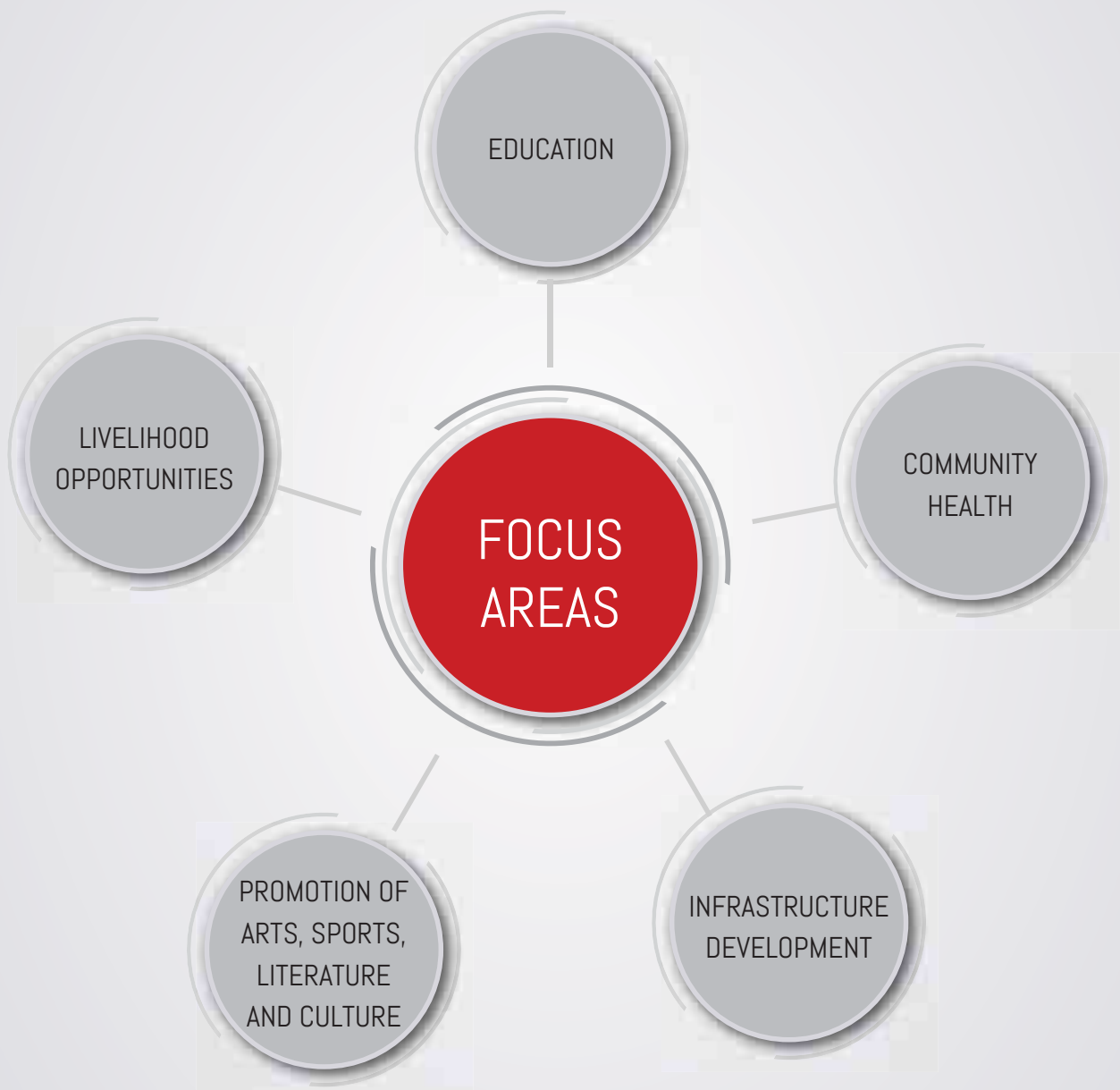
- JRD Tata, Chairman, Tata Group

THE GUIDING light behind NRL's CSR initiatives follows a similar trajectory.

NRL was founded on a mission to contribute towards the development of the region besides excelling in its core business of refining crude oil, maximising wealth creation, creating a pool of knowledgeable employees and achieving international safety and quality standards. Accordingly, it adopted the 'people first' mantra advocating the belief that the real purpose of business is human wellbeing. This approach has won NRL top Corporate Social Responsibility (CSR) awards such as the IPE CSR Corporate Governance Award 2012 and the Subir Raha CSR Award 2012. The bigger award, though, has been the smiles that NRL's sincere efforts toward socio-economic development in its area of operation have ensured.

Community development initiatives are a major component of CSR that NRL focuses on. These initiatives are conceived, sifted, garnered and implemented via a well-defined mechanism that prioritizes the extent of underdevelopment, genuine needs of the people and feasibility of the project. These initiatives with a holistic approach are carefully planned, zealously executed and sensitively nurtured. Besides providing relief and help, NRL concentrates on capability development of its beneficiaries.

CSR AND SUSTAINABILITY ACTIVITIES





STRUCTURE

CSR and Sustainability Policy of NRL is aligned with stipulations under Section 135 of the Companies Act 2013, the CSR Rules of the Ministry of Corporate Affairs and applicable Guidelines on CSR and Sustainability issued by the Department of Public Enterprises (DPE) with effect from 1st April, 2014.

CSR schemes and initiatives are administered through a three-tier organizational structure

CSR and Sustainability
Committee of the
Board at apex level

Committee of
senior executives at
mid-level

CSR and
Sustainability
Steering Committee
at execution level



CSR AND SUSTAINABILITY VISION, MISSION AND OBJECTIVES

Vision

To pursue CSR and Sustainability activities with a difference for ushering in inclusive development of the community.

Mission

To identify and implement welfare schemes based on genuine needs of the people through baseline survey and in-house assessment, in consultation with village development committee, district authorities, stakeholders, and to assess effectiveness of implemented schemes through periodic evaluation.





Objectives

- To formulate, implement and monitor CSR and Sustainability activities through a three-tier organisational structure.
- To earmark adequate resources for pursuing CSR and Sustainability activities as per the policy.
- To ensure effective utilisation of allocated resources towards CSR and Sustainability.





FLAGSHIP CSR SCHEMES

LIVELIHOOD OPPORTUNITIES	EDUCATION	HEALTH	OTHERS
 <p>Swa-Nirbhar: Livelihood opportunities for the educated unemployed youths through Self Help Groups.</p> <p>Uttaran: Skill development of educated unemployed youth</p>	 <p>Gyandeep: Recognizing merit- Scholarships to meritorious students of nearby schools.</p> <p>Prerona: Encouraging education of the girl child- Scholarships to promising girl students in an effort to encourage them to continue with their studies.</p> <p>Dhronacharya: Incentivizing schools performing well in Class X exams.</p> <p>Utkarxa: Enhancing teaching skills of teachers in Golaghat District through refresher courses and teaching aids.</p> <p>Library for All: Fully equipped school libraries in nearby schools.</p> <p>Xampurna Xakharata: Endeavour towards 100% literacy within 5 km radius of refinery.</p>	 <p>Niramoy: Holistic healthcare to the needy at their doorsteps through mobile medical camps.</p> <p>NRL Helping Hand: Aid and appliances to the differently abled in the State to enable them to live a life of dignity.</p> <p>Drishti: Free eye screening and cataract operation camps in Golaghat District.</p> <p>Paricchannata: Hygienic sanitation by construction of toilet blocks for BPL households.</p> <p>Jeevandhara: Safe drinking water to villages.</p>	 <p>Suryajyoti: Solar power to nearby schools as part of Environment Sustainability.</p> <p>Khel Prashikshan: Nurturing budding rural players by setting up football academy and badminton coaching centre in Golaghat District.</p> <p>Sajaldhara: Revival of defunct pipe water schemes.</p>



Villagers say the drinking water projects have improved the quality of life besides saving time; they no longer have to collect water from unhygienic water bodies.



COMMUNITY CARE

Goodness is the only investment that never fails.

- Henry David Thoreau, American author



DRINKING WATER in Borgoria village near the refinery was like signing a death warrant. This minority village suffered from water-borne diseases, fatal at times until NRL constructed a ring well in 2008 and provided alum and potash in liquefied form for the water to be cleaned periodically. Water in this village is no longer harmful, with a local committee monitoring the well and implementing rules for its proper upkeep.

Under project Jeevandhara, NRL provided drinking water facilities to nearby villages by providing 30 ring wells and 10 Mark II hand pumps. Villagers say this has improved the quality of life besides saving time; they no longer have to collect water from unhygienic water bodies. Revival of existing piped water supply scheme was also undertaken at Lettekujan during 2015-16 fiscal through PHED, Golaghat.

A PSU that deals with oil understands how precious water is. And the other basic needs of the people around whom it considers as part of its extended family. Since inception, NRL has treasured the community - both within and beyond its periphery - in its quest for excellence. This can be attributed to the belief that business, environment and socio-economic standards need to change for the better.

NRL earmarks 60% of the CSR budget within a 10 km radius of the refinery and the company's marketing terminal at Siliguri.





FARMERS FIRST

NRL's focus on agriculture allied income generation activities

THE COMMUNITY leaders of village Ponka situated 1km from the refinery were desperate to help 175 cultivators increase their annual agricultural income. Opportunity came in the form of NRL's offer to promote multiple cropping, and all the cultivators were included in the list of beneficiaries.

Each beneficiary received 1½ kg mustard seeds and 3 kg pea seeds to help augment their income from rain-dependent paddy. "NRL has helped us look beyond mono-cropping. We are confident of a rich harvest," the village headman said.





This is one of many villages that have benefitted from NRL's 'farmers first' policy toward alleviating poverty, augmenting rural income and generating self-employment. This policy entails popularising multiple cropping, providing high-yield/improved seeds, tractors, power tillers, fertilisers and pesticides besides facilitating allied activities such as piggery, poultry, fishery and small handloom units.

The multiple-cropping mantra, however, has not been at the expense of the traditional paddy. In 2011-12, NRL tied up with Rashtriya Gramin Vikas Nidhi to enhance food security among small and marginal farmers of Golaghat district through System of Rice Intensification (SRI). The initiative powered by predominantly organic manure was launched across potential rice pockets of the district. This entailed planting the paddy in uniformly spaced-out rows instead of scattering them to save on labour. Farmers using this new method said their yield has increased by 4-5 quintals per bigha. Another villager had a similar experience from his 7-bigha plot, and this encouraged him to go for SRI in Boro paddy cultivation for the next seasons. The project has covered 1,050 marginal farmers and 9,219 bighas of cultivated land till date.

The yield of farmers using System of Rice Intensification technique has increased manifold.



This includes four villages - Gutung, Borakhowa, Sonali Kathonibari and Bonkuwal - added in 2015-16 for facilitating use of tractor in cultivation of summer paddy through SRI.

Another innovative approach towards rural development through agriculture conceived and implemented from the 2012-13 fiscal onwards is the scientific cultivation of edible mushrooms in Golaghat district. This has benefitted around 1,500 grassroots-level Self Help Group (SHG) beneficiaries. During 2015-16, ten SHGs comprising 72 women were actively involved. They produced 700 kg of mushroom that fiscal.

With help from NRL, farmers around the refinery have adapted themselves to modern methods of farming to earn more than they used to. Their success has had a domino effect with more people eyeing self-employment towards contributing towards the economy of the area.

Apart from training farmers, NRL encourages entrepreneurship in other farm-based activities.



Following is a table of average traditional yield versus average SRI yield in some villages around the refinery.

Sl No	Cluster	Block	Average Traditional Yield (Qt/bigha)	Average SRI yield (Qt/bigha)
1	Lettekuchapori, Doigrong	Marangi	3.87	5.16
2	Numaligarh	Bokakhat Development Block	4.5	6.5
3	Dhodang, Kamargaon	Bokakhat Development Block	4.89	8.81
4	Ponka	Marangi	2.52	3.54
	Total (Average)		3.94	6.0



NRL's dream of a progressive nation is beyond improving school buildings in the vicinity





EDUCATION, SAID Nelson Mandela, is the most powerful weapon which you can use to change the world. NRL hasn't just been wielding this weapon in its endeavour to change the world around for the better. It has added firepower to its empowerment through education mission to look beyond repairing or upgrading schools in its vicinity and supplying them with learning tools.

Sonari Chapori, 3km from the refinery, is a village of some 400 people on the banks of river Dhansiri. The nearest high school is 4 km away at Ponka. The tuition classes are located further away. "The distance factor almost made the girl students discontinue their studies," the village headman said.

That was before NRL decided to distribute bicycles, each costing Rs 2,000, to girl students of interior villages in its vicinity in 2008. Several girls of Sonari Chapori have subsequently pedalled their way to school and coaching classes.

NRL has also ensured these students have better, well-equipped schools to go to. Take the case of Kamargaon Senior Basic School located on the historic Dhodar Ali. Prone to flooding during the monsoon months,

NRL in association with Vivekananda Kendra is undertaking a Rural Welfare Project with school and hostel facilities for girls at Khatkhathi in Karbi Anglong District of Assam.

the school building was falling apart before NRL sanctioned Rs 3.5 lakh a few years ago for its renovation. The money helped the school management construct a boundary wall, raise the foundation of the building and renovate the classrooms. A small library, spacious rooms for

teaching and non-teaching staff, toilets and drinking water facility were added. "Enrolment increased after the school got a new look. We now have around 125 students, a

majority of them girls, studying up to class VII," the school's headmaster said.

The thrust on education was fuelled by NRL's belief that education is the soul of development that brings economic wealth, social prosperity and political stability. Besides pledging to remove illiteracy, NRL pioneered the idea of facilitating





higher education and information technology through incentive schemes for brilliant students and capable teachers in schools near the refinery.

Through the **Gyandeep** scheme, meritorious students are offered scholarships so that they continue to excel in academics without having to worry about finances. **Prerona**, another scheme, has assured girls that their education would not suffer because of financial constraints. In almost every village, there were cases of girls discontinuing their studies as their poor parents could not afford their higher education. Thankfully, the cash incentive offered dispelled any apprehension of giving up studies.

Schools performing well in class X exams are offered incentives through the **Dronacharya** scheme where financial aid is offered to Teachers' Welfare Fund of the schools on the basis of number of students passing class X exams in 1st division.

Besides scholarships, students appearing for HSLC exams are provided test papers every year. Support is also provided to meritorious students of economically weaker sections for pursuing education in top institutes such as Sainik School, Goalpara and ISM, Dhanbad.

New schemes such as **Utkarxa** and **Library for All** seek to enhance the academic climate of the neighbourhood. **Xampurna Xakharata**, a phased project launched in 2015 is a sincere effort of the



Contributing to the **Digital India** drive of Govt. of India, NRL has carried out Digital Literacy campaigns in its neighbourhood and in the island of Majuli supplemented by distribution of computers, laptops and related accessories.



Company to usher in 100% literacy within 5 km radius of refinery.

During 2013-14, NRL helped set up and implement digital literacy curriculum for students and members of tea and other ethnic communities. A **Digital Literacy Curriculum Centre**, set up in a tea estate nearby, continues to make students e-literate.

Yet another NRL initiative is the arrangement of coaching classes for engineering and medical entrance exams. Teachers, parents and students appreciated this initiative and said coaching was a big necessity in the area.





INFRASTRUCTURE INTENT

Connectivity and civic amenities of surrounding villages are NRL's priorities

A SOCIETY or organisation is known by how it cares for the living. It is also evaluated by how it respects the dead. This was precisely the reason why NRL developed the cremation ground beside the Rongsali rivulet at Labanghat village in Golaghat district.

People of Labanghat, 4km from the refinery, wished they had a better, hygienic way of bidding adieu to their dead. But they didn't have the resources to improve the local cremation ground, at the mercy of the elements. "NRL came forward and it feels nice that our dead have a respectable way of travelling to after-life," the village headman said.

The Labanghat crematorium, developed on a 2-bigha land provided by the government, has a well-designed pyre, a waiting shed to accommodate 110 people, modern toilets, tiled walkways and a Kali temple. It services more than 40 villages around the refinery. "Few crematoria are as good as this one inaugurated in 2012-13," the village headman said.

At Ponka village nearby, the residents boast of one of the best piped water projects in the area. The state's Public Health Engineering department had 15 years ago provided this village the Sajaldhara water supply project. But it soon fell into disuse, and more than 1,000 people there fell back on wells and stagnant ponds for their needs. Water-borne diseases followed. In 2012, NRL spent ₹20 lakh to renovate the water supply network to ensure potable water to the villagers from a deep tube-well. "Our water woes are a thing of the past," said the Ponka headman.



Labanghat, Ponka and other villages have also benefited from projects such as metalled roads, repair of 100KVA transformers and other civic amenities. NRL has also taken up electrification of villages close to the refinery party through solar lighting systems and partly through APDCL on deposit work basis. Villages No. 2 Chinakan, Kuruabari Adarshagaon and Giddibasti have been provided with solar lighting while five others - Borgoria Ahom Chuk, Nepali Chuk, Muslim Chuk, No. 1 and 2 Ponka - were marked for the APDCL option.

NRL also went out of the way to provide financial support to the Golaghat district administration for installation of LED-based traffic road signals in Golaghat town. Four such signals set up in Golaghat town has greatly improved traffic control.

Well-knit infrastructure - the physical component of interrelated systems providing commodities and services essential for enabling, sustaining and enhancing societal living conditions - determines development. Since inception, NRL realised that ample natural resources did not guarantee development for a region with poor infrastructure. Understanding the value of good infrastructure, it began contributing substantially for better connectivity and civic facilities toward improving the quality of life. The thrust of such pragmatic initiatives is on improved roads since terrestrial link is vital for development of a place. Many villages today have faster access to the world beyond.

Understanding the value of good infrastructure, NRL began contributing substantially for better connectivity and civic facilities toward improving the quality of life.



NRL has adopted 4 villages viz. Gandhigaon, Na-Pathar Notungaon, Chawrabosti and Pankagaon in the vicinity of the Refinery for transformation into model villages, with special emphasis on road, electrification/solar power, drinking water, sanitation, education, infrastructure development and livelihood generation.





ELEPHANT ALERT

WITH KAZIRANGA National Park, a World Heritage Site in its immediate neighbourhood, NRL has a commitment towards preserving the fragile ecological balance and every step that it treads is with caution. There are a few elephant corridors in the vicinity of the refinery, and part of NRL's environmental programme is creating awareness about coexistence to reduce man-animal conflicts.

In a bid to come up with a win-win situation where neither man nor elephant suffers, NRL has constructed several watch towers along known jumbo routes in Golaghat district. Searchlights have also been provided in areas close to the refinery. While the watchtowers help keep tabs on the movement of wild herds and take precautions accordingly, searchlights keep the elephants off paddy fields.





HEALTH & HYGIENE

NRL's mission of building a healthy nation has taken wings from a hospital within the refinery township



A PROLONGED ulcer on the back of his right knee had made a villager in a nearby hamlet almost immobile. He was on crutches, barely able to bend the leg 1-2 inches when he was brought to Vivekananda Kendra NRL Hospital in December 2012.

His was a case the hospital hadn't handled before. But a team of four doctors operated on him on and covered the wound with a skin graft. The patient showed good post operative recovery and was able to move the leg up to about 100 degrees. He was discharged following physiotherapy but advised readmission after a month. The second operation on 25 January 2013 saw him extend his right leg up to 140 degrees and walk without crutches. VKNRL

Hospital bore the entire expenditure as it was beyond the villager's means.

For hundreds of neighbourhood patients with simple or complex ailment, all roads invariably lead to the hospital in the refinery township. If not, the hospital goes to them through NRL's mobile medical units. In 2015-16, NRL conducted 263 medical camps under project **Niramoy** covering 15,141 patients. This works out to almost 22 camps per month.

Besides treating the indisposed, these medical camps educate villagers about the importance of sanitation and hygienic practices for their personal wellbeing. To promote a health-conscious

society, NRL has under its **Parichhannata** scheme constructed low-cost sanitary toilets (according to World Health Organisation guidelines) and dug RCC ring wells. This is in keeping with NRL's focus on health and hygiene. The medical service has also been exemplary during natural and man-made disasters,





such as providing relief to flood victims of Kaziranga and helping the state machinery provide relief to people affected by ethnic clashes.

In 2009, NRL dedicated an ambulance boat to the people of Majuli - one of the world's largest river islands - providing immediate access to first aid and faster connectivity for medical treatment of the isolated island

dweller to the mainland, especially pregnant women who require emergent medical care and other emergency medical needs. And in 2011, it handed over boat clinic 'Numali' to Centre for North East Studies and Policy Research to deliver health services to the marginalised

NRL provides insurance coverage for all its contract workmen under the Pradhan Mantri Suraksha Bima Yojana & Pradhan Mantri Jeevan Jyoti Bima Yojana, extending social security cover in case of health emergencies and accidents.

islanders inhabiting the numerous sandbars or chaporis dotting the mighty Brahmaputra in Assam's Sonitpur district; virtually held prisoners

by geography. A second boat clinic 'Kaliyani' sponsored by NRL was formally launched in May 2015 at Machkhowa Ghat, Guwahati to service sandbars in Kamrup district. Sandbars account for 6% of Assam's land area and are inhabited by 10% of the state's population.

Equipped with an OPD, doctor's chamber, nurses' room and a laboratory each clinic conducts 14-20 camps a month, each attracting 130-150 people for general checkups. It carries out routine immunization of





children up to 5 years old and pregnant mothers, vitamin A supplementation, vaccination and family planning activities. Blood and other clinical analyses are also done in the lab onboard.

NRL Helping Hand : 232 differently abled persons from Golaghat District were handed over aids and appliances on 31st March'2016. Earlier, 72 beneficiaries from Golaghat District and 512 from Kamrup District of Assam benefitted from the scheme in the year 2012 and 2014 respectively.





WORK HARD, play harder has been the NRL credo. Assam's boxing sensation Shiva Thapa realised this when the refinery backed him all the way to the 2012 London Olympics, helping him become the youngest pugilist to represent India. Today, 40 boys under 15 years are eyeing the global soccer stage.

The future, said Mahatma Gandhi, depends on what we do in the present. With this in mind, NRL set up a first-of-its-kind football academy

The NRL Football Academy has fuelled the hopes of budding footballers in Golaghat district, as has the Badminton Coaching Centre for budding shuttlers.



In order to propagate the mantra of 'Run to keep fit', the maiden Numaligarh Marathon 2016 was organized in February 2016, drawing enthusiastic and widespread response, evoking good will and camaraderie in the community around.



in 2012. The **NRL Football Academy** selected the boys from villages within a 10km radius of the refinery. These young boys are being imparted European-style training under the supervision of a professional coach from Spain. A Professional Management Group has been managing the Academy on behalf of NRL.

This initiative has not only made a difference in the lives of these 40 players but also re-energized football in the entire district. In 2012, five players from the academy were selected for an inter district Under-13 tournament at Golaghat. The

following year, 16 players from the academy were selected for an inter district U-13 Tournament (Sujit Narzary Tournament) held at Sonari. Further 2 Players also got selected for Assam state team U-13. In July 2014, 17 players from the academy were selected for the Pilik Choudhury inter-district school tournament held in Guwahati. Two players among these were selected for trial at the Assam State Academy. Further, in September 2014, 18 players of the academy were selected for an inter district U-14 tournament (Sujit Narzary Tournament) held in Karbi Anglong. In May



NRL sponsors two Assam Sahitya Sabha Awards viz. Mamoni Raisom Goswami Award and Vishwa Ratna Dr. Bhupen Hazarika Award.



2015, four players of the academy were invited for trials for the U-17 World Cup National team held in Guwahati. The football team participated in the U-15 youth league organised by All India Football Federation in Manipur from 18-22 January, 2016. One of the players was selected to play in the Assam sub-junior team.

In 2013, NRL started a **Badminton Coaching Centre** at Furkating Indoor Stadium in Golaghat district. The five-days-a-week centre is dedicated to creating a pool of shuttlers aged 10-12 years. The intake capacity of the centre is 30 players at a time.

NRL also encourages people, particularly children and teenagers, to hone their artistic and creative skills and express themselves. It organises periodic cultural events toward promoting art, culture and literature and preserving the rich cultural heritage of Assam. NRL sponsors professional and socio-cultural meets, conventions, seminars and workshops too. These and other initiatives such as constructing or repairing theatre halls have impacted and enriched the lives of the people in the vicinity.





GREEN MANTRA

*NRL shows as much care on ecological health
as the safety and wellbeing of its employees
and neighbouring communities*

SOME 700 varieties of butterflies on 10,000 host plants isn't the kind of scenario one usually associates a refinery with. But then, NRL isn't just a refinery; it's the fuel to better life riding popular sentiments. No wonder, many people of the state regard this Assam Accord refinery as their 'very own'.



NRL had an added responsibility to be one of India's most environment-friendly refineries as it was destined to be close to the 860 sq km Kaziranga National Park, the meeting point of two key global biodiversity hotspots and the best known home of the one-horned rhino. Inevitably, the refinery established a happy ecological mosaic with coexistence as its theme. Besides mandatory pollution control measures, specific steps have been taken to negate adverse impact on Kaziranga and other wildlife preserves nearby.

A greenbelt has been developed around the refinery and marketing terminal so that there is minimal impact of refinery emissions and noise on the surroundings. Treated effluent from the refinery as well as the township is recycled and re-used resulting in zero discharge to the world beyond. Facilities have been provided for continuous monitoring and display of environmental parameters of furnace stacks.

A greenbelt has been developed around the refinery and marketing terminal so that there is minimal impact of refinery emissions and noise on the surroundings.

NRL's concern for the environment is perhaps best underscored by its creation of an entire bio-system for rare butterflies in the region.

Besides operating with optimum efficiency, NRL has made its responsibility towards Assam and the region's socio-economic development an inalienable part of its corporate philosophy. The approach has won the refinery a slew of awards for eco-friendly practices- the last one being the prestigious India Today Awards 2014 for the most Eco Friendly refinery in the Mini Ratna category.

Reducing carbon footprint: During 2013-14, NRL installed a 20KW solar power panels in a school within its premises. Under the project **Surya Jyoti**, NRL has installed solar panels in seven schools beyond involving 1,480 beneficiaries.



SPEED SAILING



NATURE HAS invariably driven tourism in Assam. In May 2013, NRL gave the sector something to sail on - a 20-seater passenger boat to ferry tourists to and from Majuli, the seat of Vaishnavite culture propagated by 15th century saint-reformer Srimanta Sankardeva.

This boat weighing 2MT and running on two outboard 140 HP engines, is also accessible to islanders seeking faster and more comfortable travel between Majuli and Neematighat in the mainland. The Jorhat district administration has been entrusted with operating the boat.



EMPLOYMENT GENERATION

NRL has helped create livelihood avenues through motivation, training and financial assistance

Swa-Nirbhar has encouraged the youth to take up various farm-based activities while empowering many women who lacked funds to make their SHGs work

IN AN age when jobs are hard to come by, self-help is the best help for income generation. NRL has thus taken initiatives under the **Swa-Nirbhar** scheme to help people in the vicinity earn by upgrading their natural skills. Self-help groups (SHGs) comprising 10 or more members have been provided assistance to set up weaving centre, piggery, dairy farm, goat farm, poultry farm, fishery, etc. This has encouraged the youth to take up various farm-based activities while empowering many women who had formed SHGs but did not have the finances to start their businesses.

Under **Uttaran**, a skill development initiative for the educated unemployed youths, training in cutting and tailoring was organised for 20 girls residing within 15 km radius of the refinery in association with ITI, Bokakhat. Further, a three-month certificate training programme was organised in association with ITI, Jorhat for unqualified welders of nearby localities and certificates were handed over to 24 such students after completion of their short-term course during January, 2016. A batch of 14 girls have been sponsored by NRL for pursuing nursing courses at Down Town University, Guwahati during December 2015. Earlier in the year 2013, 100 local youths were imparted training in candle making, considering easy availability of Wax from NRL's Wax Plant.

The proposed '**VK NRL Nursing School**' in Numaligarh is expected to enroll local girls and boys and train them in the noble profession of nursing, thereby providing ample opportunities for their employment in the state and elsewhere.

All this and more are contributing towards the **Skill India** Campaign of the Govt of India.





SWACHH MISSION



On Gandhi Jayanti 2014, NRL launched Swachh Bharat Abhiyaan by taking the cleanliness pledge at the refinery and offices elsewhere. Aprons, brooms and cleaning mops were distributed as the cleanliness drive gradually spread from the refinery to the township and villages in the neighbourhood. Foundation stones for toilet blocks were also laid in nearby schools to mark the occasion and 43 schools were identified for this purpose as directed by the Ministry of Petroleum and Natural Gas.

Besides employees, contract workers, medical and paramedical staff of VK NRL Hospital and students and staff of a school within the township chipped in for the success of this novel mission. The cleanliness drive carried on throughout October 2014 - from one section of the refinery and township to the other and from one adjoining village to the other. It was coupled with awareness campaigns on sanitation, and personal and community hygiene. NRL has built more than 100 toilets for schools in Assam under Swachh Vidyalaya Abhiyan.

Today, swachhata (cleanliness) has become a habit for NRL.





STORIES

These are among 35 women SHGs given financial assistance under NRL's Swa-Nirbhar scheme

SURUJMUUKHI SHG, KEDUGURI, DOYGRUNG

Formed in 2004, this 10-member group of women received financial assistance in 2013 to buy hand looms. Their products such as gamosa, chador and handkerchief have helped them earn ₹20,000 -25,000 per month. The demand for their handicraft items often makes the members work overtime but they are not complaining.



NAYANJYOTI MAHILA SHG, LETEKUCHAPORI

This 10-member group formed in 2011 received funds from NRL to purchase three cows. This group is saving the profit earned from selling the milk from these cows. They have plans to use the accumulated money for allied activities.



JEEVANJYOTI SHG, KHUMTAI NAGAON

This multi-activity SHG was formed by 10 women in 2006. It had been into piggery, handloom weaving and mushroom cultivation. In 2013, it received funds from NRL to add goat-rearing. The group now has 20 goats yielding enough profit for them to plough into the other activities.





STORIES

These are among 35 women SHGs given financial assistance under NRL's Swa-Nirbhar scheme

KALYANI SHG, BONGAON

This 10-member group formed in 2008 had earlier been involved in handloom and production of jam, jelly and pickles. In 2013, it received assistance from NRL to take up poultry farming. The group now has 200 broiler chickens, having already sold the fowls bought with the first instalment of the funds.



PANCHALI SHG, TELGARAM

The primary objective of this 10-member group formed in 2008 was to save money in a bank for productive use in the future. They chose dairy farming for earning enough to meet their own needs and invest. The milk from two cows bought from funds provided by NRL is sold among members for raising the money.



JNAYANMONI SHG, KAMARGAON

Formed in 2003, this 10-member group had the experience in running a piggery. What they lacked was adequate funds to sustain it. Exactly a decade later, NRL's financial assistance rekindled the hopes of the members. The group now has nine pigs, and is keen on diversifying to allied activities.







*Published by Corporate Communications Department for Numaligarh Refinery Limited
122A, G.S. Road, Christanbasti, Guwahati-5, Website: www.nrl.co.in*

Design & production: Exclusive Advertising Pvt. Ltd.

NRL/06-2016

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