04. Highlights
Director (Refineries) reviews PDPP commissioning at KR

05. Highlights
Bharat Petroleum exports IMO 2020 grade VLSFO, first from the country
Bharat Petroleum enters EV segment

07. CSR
Adding more rays of hope ...
When we mean it from the heart...

11. Awards
Top Official Language awards
Top Importer in Kochi

13. SAKSHAM
An exclusive month for an every day mission
Saksham concludes with Varnam & Santhwana Sandhya

18. Women’s Day
Ashiana - Walking with destiny

20. People
Service Citations
Retirement

24. Travelogue
Touching the clouds of Chokramudi

26. हिन्दी
इंतजार
मेरा भारत, स्वच्छ, हर-भर...

28. இந்தியா
செயலின் செல்வு...
மனித வசைமுகம்...

30. My Corner
Visual delights from VARNAM Exhibition
Many missions, one goal

We are winding up the financial year 2019-20 with many missions, but one goal - to help each mission find its target where each target is for the Nation.

SAKSHAM 2020, the month-long oil and gas conservation campaign that commenced on 15 January 2020 has concluded with a befitting finale in February 2020 and we are privileged to carry a special report on the time and energy spent by various stake-holders in reaching out to a wider strata of people, as part of this National Mission under the aegis of the Ministry of Petroleum & Natural Gas. This annual mission does not stop with one month of awareness campaigns. As long as energy consumption and energy savings are the two sides of the same coin, we have the responsibility to continuously make conscious decisions in spending and saving wisely. We are aware that fossil fuels and its reserves are fast depleting and we have to help in reducing India’s dependency on import of crude oil which has a huge bearing on foreign exchange.

Another big picture we are bringing you this month is a coverage of our social commitments; its reach, relevance and the impact we have been able to sustain as a socially responsible corporate citizen.

We also bring you the newer missions that our Refinery has set upon along with the Project milestones that we have diligently crossed.

In the past one year, several missions have been planned, designed and executed and each of them are in its advanced stage of target achievement before the final curtain drops for the year-end. Whatever be the mission, however big or small, whatever by the team-size, the goal is the same for one and all - Har Ek Kaam, Desh Ke Naam!

Yes! Many missions one goal, let’s dedicate each and every effort for our Nation!

Warmly,
Editor
Mr. R Ramachandran, Director (Refineries) accompanied by Mr. Ravitej P V, ED (MR) was given a warm welcome by Mr. Murali Madhavan P, ED (KR) as they arrived to review the PDPP commissioning activities which is going on in full swing at Kochi Refinery.

On 24 February 2020, they visited the Acrylic Acid Unit which is the first unit under commissioning and took special interest in the reactor catalyst loading activities currently in progress.

Bharat Petroleum has made a strategic foray into Petrochemicals, essentially propylene based petro-chemicals, as they are being imported in large quantities in India. Petrochemicals play a very important role in the growth of a country and has a big role in our day to day life. The per capita consumption of Petrochemicals in India is approximately 12 Kg, vis a vis the world average of approximately 35 Kg. However this is small in comparison to other countries such as China (42 Kg) and USA (70 Kg).

Propylene and Ethylene are the basic building blocks for a large number of Petrochemicals. It is observed that these Petrochemicals have high growth rates and are correlated to the growth in GDP. In order to add value to the 500,000 Metric Tonnes Per Annum (MTPA) of Propylene available from IREP and also reduce the dependence of the country on imports, production of Niche Petrochemicals was identified as the entry strategy of BPCL into Petrochemicals. Thus originated the concept, plan and execution of the Propylene Derivatives Petrochemical Project (PDPP) at Kochi Refinery. Acrylic Acid, Oxo Alcohols, Butyl Acrylate and Ethyl Hexyl Acrylate are identified as the petrochemicals to be produced in the first phase, based on a study by M/s Nexant. The capital cost of the project is Rs.5246 Crores. Fluor Daniel India Pvt. Ltd is the consultants for selection of technology licensors and cost estimation for the major process units and M/s. EIL are consultants for preparation of DFR.

Moving well into its commissioning stage, PDPP will utilize 250,000 Metric Tonnes Per Annum (MTPA) of Propylene and produce 180,000 MTPA Butyl Acrylate, 10,000 MTPA 2 Ethyl Hexyl Acrylate, 47,000 MTPA Acrylic Acid, 47,000 MTPA 2 Ethyl Hexanol and 38,000 MTPA Normal Butanol.

At the review on 24 February, Director (Refineries) also addressed the PDPP construction and commissioning team in the presence of ED (Kochi Refinery) and Mr. Suresh John, Chief General Manager (Projects). Reiterating the significance of the project Director (R) encouraged the team to complete the rest of commissioning activities on a war footing, with safety at top priority.

With commissioning activities of the Acrylic Acid unit at its peak, the visit by our Director and top management has inspired the entire team as they move forward towards safe and successful commissioning of the project.
With the export of its first parcel of IMO 2020 grade Very Low Sulphur Fuel Oil (VLSFO) from Kochi to Singapore, Bharat Petroleum becomes the first Oil Marketing Company to export this product from the country.

Dr. M Beena IAS, Chairman, Cochin Port Trust waved the green for the first export tanker of VLSFO from the Cochin Port on 07 February 2020 in the presence of Mr. P Murali Madhavan, Executive Director (Kochi Refinery) and Mr. K Suresh Nair, Executive Director (Supply Chain Optimisation), BPCL. Mr. M R Subramoni Iyer, Chief General Manager (Operations), Mr. A Mohanlal Menon, Chief General Manager (Engg & Advisory Services), Mr. Chandrasekar N, General Manager (Oil Movement & Stock) and Mr. V R Rajan, General Manager (Technology); and from Cochin Port Trust, officials including Capt. Jose Alapatt, Deputy Conservator, Capt. Krishna Prasad, Dock Master, Capt. Shaji Abraham, Harbor Master and Mr. Jimmy George, Traffic Master were present.

Stringent IMO standards aimed at preventing pollution from marine and shipping operations are re-shaping the marine fuels landscape and the global cap on sulphur content for general shipping stands reduced from 3.50 %wt to 0.50 %wt effective 1 January 2020.

“VLSFO is an IMO 2020 compliant marine fuel and in view of emerging market for VLSFO, Kochi Refinery started production from December 2019. We also started supplying VLSFO to the tankers calling at Kochi from then. VLSFO is produced mainly using the vacuum residue of Low Sulphur Crude oils with suitable blending streams. Now that the global demand is increasing, we have entered into exports of VLSFO, after saturating indigenous demands. The first export that was flagged off also marks the first export from the country by any Oil Marketing Company in India,” said Mr. P Murali Madhavan, Executive Director (Kochi Refinery).

The tanker, MT Alnic, MC carrying the first parcel of 15 TMT VLSFO to Singapore was flagged off by Dr. M Beena while Mr. Subramoni Iyer handed over the documents to Captain Sajulan Victor of the tanker.
BPCL has announced its entry into the Electric Vehicle (EV) space, with the launch of the “e-Drive” initiative - an innovative electric vehicle mobility model based on battery swapping, initially being rolled out in Kochi and Lucknow. This new and unique model for EV mobility, is the first of its kind in the country, ahead of its competition.

The initiative was launched by Mr. D Rajkumar, C&MD, BPCL from Chennai over a video conference for simultaneous initiation of the new services at Kochi and Lucknow. Also present on the occasion were Prof Jhunjhunwala of knowledge partner IIT Madras, and Ms Sulajja Firodia, Managing Director of Kinetic Green, the Technology Partner.

At Kochi, the E-Drive launch was facilitated by Mr. Venkataraman Iyer, State Head (Retail), Kerala in the presence of Mr. P Murali Madhavan, Executive Director (Kochi Refinery) and other senior officials from Marketing Business Units of BPCL Kerala and Kochi Refinery. Mr. D Kannabiran, TM(Kochi) detailed about the new facility.

E-Drive, the battery swapping solution, is a unique business model, creating a win-win situation for all the stake holders. The rider receives a cheap and effective last mile connectivity. The Driver gets vehicle access with nil investment, a reliable swapping station network, a reliable Lithium Ion technology and increased operating time and income. The Vehicle Aggregator (Kinetic) can provide a reliable charging infrastructure for the fleet operation and the Energy Operator (BPCL) will have high asset utilization and returns. The challenges of high charging time of vehicles is addressed though battery swapping, bringing in a new customer segment.

E-Drive rickshaws have been introduced in metro-cities for quick connectivity. The drivers can swap their batteries at the E-Drive stations at select outlets in Kochi. They can drive out with fully charged batteries after verification of the custom made batteries over a smart-application.

Given the challenges in reaching targets for Electric Vehicle penetration in India, business model innovation helps to overcome barriers to adoption for enabling value creation and capture in the sector. At this early stage of market and technology, the E Drive model holds its strength for its uniqueness in the approach and revenue model. Further this innovative business model will provide important insights and critical lessons for quick scale up across the country.

EV foray would open up many new opportunities in mobility sector. Given the large investments and long time frame required to adapt to the evolving market landscape, strategies should be defined to best prepare for the shift in profit pools and to best leverage our current strengths to capture a large share of the emerging profit pools. E Drive would drive BPCL’s strategy on where to play, how to win and how to execute, setting out the required initiatives in an action plan for pursuing the opportunities.
There has been an alarming increase in the number of cancer patients in the State of Kerala and as per recent statistics, Government hospitals alone have 57,727 new cancer cases registered between 2018-19. The numbers are likely to be higher, if data of private hospitals are also considered. Guided by these alarming statistics, cancer care is being given extra emphasis in healthcare projects by Kochi Refinery under Bharat Petroleum CSR initiatives.

The agreement signed on 4 February 2020 was handed over by Mr. G Ananthakrishnan, Chief General Manager (Finance), Kochi Refinery to Dr. V P Gangadharan, leading Oncologist in Kerala, in the presence of Mr. P Murali Madhavan, Executive Director (Kochi Refinery), Mr. Kurian P Alapatt, General Manager (HR), Mr. George Thomas, General Manager (PR & Admin) and Board Members of the Cooperative Hospital at the World Cancer Day celebrations of the hospital. Mr. Murali Madhavan, delivered the key-note address where he appreciated the untiring efforts of the hospital and nursing staff and also lauded the nursing students who had offered to donate their tresses for preparing wigs for cancer patients.

The exclusive Oncology Department has been recently introduced at the hospital under the leadership of Dr. VP Gangadharan, who had earlier established the Medical Oncology Department in Regional Cancer Centre, Thiruvananthapuram, the first of its kind in Kerala. A highly respected Oncologist, Dr Gangadharan is known for providing subsidized medicines and free counselling for the poor and needy. The cancer care extended at the Indira Gandhi Hospital is with medicines at subsidized rates for the poor and also free medicines for those who cannot afford at all. Free lunch is provided to oncology patients and bystanders and rooms are at highly subsidized rates. With the new facilities now being developed with the support of Bharat Petroleum, they are looking forward to extending better care to help each patient find a brighter ray of hope in their lonely battle to bounce back to life.

Adding more rays of hope….

Adding a few more rays of hope on World Cancer Day, Bharat Petroleum signed a memorandum of understanding for enhancing Cancer Care facilities at the Indira Gandhi Cooperative Hospital, Kochi. The financial support as part of the health-care initiatives under CSR projects of Kochi Refinery is for extending new facilities like Chemotherapy suites, Oncology ICU and Blood storage units.

Turn overleaf to read more about the CSR initiatives by Kochi Refinery
Kochi Refinery has crossed more than 60 new CSR projects this year and together with the ongoing projects, we have crossed the 100 mark, a record number of CSR projects by any of the BUs of Bharat Petroleum. We are overwhelmed to touch tens of thousands of people through these CSR initiatives, each of which we mean from the heart.

A majority of our projects are in the BPCL focus areas of Education, Health, Skill Development, Water Management and Community Development. Day in and day out, our CSR commitment extend to people from various segments. And as we energise each life, it is with the true conviction of

**Aspiration District Wayanad**

The Central government has identified Wayanad as an Aspiration District and to align with the policy, many projects are being implemented here. Three Mobile Nutrition Units in Wayanad District is being activated for addressing malnutrition issues among tribal population. A Tribal Indigenous livelihood Skills & Craft Training for tribals coming up at Wayanad in partnership with the Wayanad Dist Administration.

**Continuing schemes**

Some of the major ongoing continuing schemes include the Group Medi-claim Insurance for around 15000 people in the immediate neighbourhood of the Refinery, spread across two Panchayats and one Municipality; Super Speciality Medical Camps and Home Based Rehabilitation project for the differently abled.

The Capability Exploration and Enhancement Programme (CEEP), Puthuyugam entrance coaching for students from government and aided schools in and around Ambalamugal, Vypin and Ernakulam is also another continuing programme with tremendous reach and impact. ROSSHNI, the learning enhancement project is for helping children of inter-state workers join the mainstream. Through this project which is in association with the Ernakulam District Administration, around 2000 children acquire language proficiency that further supports them in their academics in Government schools in the state. At the recent Apex policy address, the Hon'ble Governor of Kerala declared that the project will be scaled up to all the Districts of Kerala, thereby underlining the success of the project and also acknowledging BPCL cares for energizing young minds.

The First Meal Project is another continuing scheme being extended to around 40000 students in Government and Government Aided schools in Ernakulam district. The project provides nutritious food to the students in the morning before the regular classes begins to sharpen their intellectual capabilities, improve their physical health and for enhanced enrolment.

**A face for the faceless**

Council of People living with HIV/AIDS of Kerala (CPK+) is a state level network for supporting people living with HIV/AIDS. Our intervention is to support the Care & Support centres operated by CPK+ in the 7 Districts, namely Kannur, Wayanad, Malappuram, Idukki, Pathanamthitta, Ernakulam and Kollam to improve their quality of living. With our support, CPK+ is able to serve as a

When we mean it from the heart…
collection and distribution centre for nutritional food provided by the District Panchayat, provide by-stander support services for HIV people during their hospitalization, extend medical Interventions and medical support, provide educational support for the children of patients, and also generate capacity building and advocacy for the HIV community.

**The project will support around 5000 HIV people in 7 districts of Kerala** who would like to remain unknown as they would not like to face the public. Kochi Refinery is touched by the goodwill expressed by those connected with them, including the doctors working in the AIDS cell functioning at General hospital where they go for medical support and many others who are aware of their dilemma. Our support is seen as a face to the faceless.

**Energising skills**

In 2019-20 we supported the differently abled through various facility enhancement and Skill Development schemes that included construction of kitchen, dining hall, furniture and providing school bus and machineries for running paper bag units, handicraft unit for creating utility items out of coconut shells and decorative pieces, thus enabling the specially abled children and their families find remuneration for improving their quality of life. Skill Development Centre in NISCHINTH at Palakkad was roped in to conduct skill training programmes for specially abled children. We also helped in constructing the Jaleo Mahal for Dance Stage - Different Art Centre for the specially abled children in Thiruvananthapuram. Apart from this, our ongoing mega skill project by SDI at Angamaly is running successfully with majority of the students landing up good jobs.

We extended financial support for a School Bus to Mithram, a Charitable Society of parents of differently abled youth that works for educating, caring and extending livelihood programmes to support and also skillling mentally and physically challenged persons above the age of 18.

Their activities include services to day scholars who need care and training, residential care for persons whose families are unable to take care, respite care to help parents with short term needs and home based training for people who lack mobility.

The bus will aid in transporting partially home bound people to school for vocational training and also take caregivers to extend therapy at home. Ms Ancy Johnson, SM(PR&LW) handed over the keys of the bus to Mithram along with CSR Team members Ms. Thresia PA and Ms Elizabeth Davis on 12 February 2020.

**Health care initiatives**

As part of our Health initiatives, **dialysis units** have been set up at Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram, government hospitals at Perambra and Shornur and more projects are on the anvil. Our support was also extended for improving cardiac care. We continued support in the area of enhancement of hospital facilities across Kerala for Trauma Care, setting up / renovation / enhancement of laboratories/facilities, including equipment and medicine support for palliative centres, therapeutic dietary meals for poor patients in GH, Ernakulam, Enhancing facilities in Oncology unit of Indira Gandhi Co-operative Hospital, Mobile medical facility to remote rural/coastal areas in Ernakulam, Alleppey and Idukki by providing mobile medical unit (bus) and BLS Ambulance. We also supported in enhancing Neonatal Cardiac Surgery services and Strokeway at Government Medical College, Kozhikode and Marine Ambulance for helping fishermen in distress during calamities.

Prevention is better than cure and with that in mind we supported the projects Jagrithi and Karuthal, to identify Non-Communicable Diseases (NCDs) which has become a major concern in India. These projects envisage screening individuals in select Grama Panchayats and Municipalities for the intermediate risk factors for cardio-vascular disease, like obesity, diabetes, hypertension, dyslipidemia, tobacco and alcohol use. We also have projects to conduct awareness programmes in Govt. / Aided schools and identify, diagnose and remediate children with Learning Disability. Community Health Intervention through Udbodh which is a step towards Dementia Friendly Cochin.

**Education is key**

Positive changes are visible in the academic scenario in school of Kerala and realizing the need to support the cause, we are extending support for infrastructure upgradation in government schools to raise them at par with international standards. We are partnering in the Centre of Excellence project
of Government of Kerala by supporting Tripunithura Girls High School for the construction of a 3-storeyed Main Block and also the Laboratory Block at GovtHSS, Kadavallur, Trichur.

And closer home in Ernakulam, CARE (Capability Assessment & Remedical Enhancement) for tribal students in Pinavoorkudy has been completed. A hostel was also constructed for tribal girls at SaraswathiVidyaNiketan, Idukki.

Community Development

The family strengthening programmes for tribal community in Thrissur, focuses on the holistic development of 143 tribal children from 81 selected tribal families in Maniankinar, Thamaravellachal and Poovanchira in the district. This project includes providing health, nutrition support, enabling access to basic education in nearby areas of their “Ooru” and reduction in school dropouts and Vocational Skill Development of senior children.

Livelihood enhancement projects for women and children, development of rural roads, support for Pink Beat, patrolling vehicles for safety and security of women have been added to the list of ongoing community development programmes, each of it governed by the objective of energising lives, energizing New India.

Meritorious CSR

BPCL was awarded District Collector’s Award of Appreciation for Meritorious Service along with service awards to officials of District Administration at the 71st Republic Day celebrations. Mr. Vineeth M Varghese, Chief Manager (PR & CSR) received the award for BPCL from Hon’ble Minister of Local Self Government Mr. A C Moideen, in the presence of District Collector Mr. S Suhas IAS and Commissioner of Police Mr. Vijay Sakhare IPS on 26 January 2020.

Volunteering, dil se

The BPCL KR CSR Volunteers Club motivates employee involvement in CSR activities. Employees are welcome to join the club to volunteer in various CSR activities of KR in their region and they can also share about other volunteering projects that club members would be interested to help in. Shijil Subash from Petchem is from Trichur and is also volunteer with NGO Solace. As a member of the KRCSR Club, he was involved in the livelihood enhancement project for mothers of children suffering from long term illness. “I was overjoyed when the project got sanctioned. On my weekends when I go home, I regularly visit the project and share about its progress to the KR CSR team,” he shared.

Similarly when a Dialysis project at Perambra area was getting delayed, Arjuna Awardee Tom Joseph of HR who hails from near that place, volunteered to visit the place and speak to all concerned. “I’m happy that I could get the project back on track,” he shared. Like them there are several other silent workers who extend support in person and in kind. Many such tiny actions maketh the mighty ocean of love and care that is spread through the CSR initiatives of Kochi Refinery.

Swach, shudh

Safe Drinking water for schools in Ernakulam, Drinking water project for Vadavucode Puthencruz Panchayat, construction of toilets, renovation of drainage systems, Swachh Iconic Place mega project at Kalady, projects for women and girl friendly health and hygiene facilities have been introduced and facilitated to provide cleaner and improved facilities for the society.
Top Official Language awards

BPCL Kochi Refinery has won the prestigious Rajbhasha Rolling Trophy 2019 of Kochi Town Official Language Implementation Committee (TOLIC). The First Prize is for the Best Implementation of Official Language among PSUs situated in Kochi.

Mr. George Thomas, General Manager (PR & Admin) received the trophy from Mr. Alkesh Kumar Sharma IAS, Managing Director, Kochi Metro Rail Limited along with Mr. Emile Toppo, DGM (Admin & LW), Ms. Girija VR, Senior Manager (Official Language-HR), OL team members Ms. Latha Kamath, Ms. Ajitha KS and winner of several Hindi contests, Mr. Nishant Choubey at a function held on 12 February 2020. Kochi Refinery also received the Trophy for the Best Hindi House Magazine for its Jwala Dwani Varshiki.

Top Importer in Kochi

At the International Customs Day Celebrations, held in Cochin recently, Mr. Ananthakrishnan G, Chief General Manager (Finance), Kochi Refinery received the award on behalf of BPCL from Mr. Pullela Nageswara Rao, IRS, Principal Chief Commissioner of Central Tax, Central Excise & Customs, Thiruvananthapuram Zone and Padma Shri Mammootty, Cine Actor. Also present at this jubilant moment were Mr. R.S. Sreekumar, DGM Finance and Mr. A.K. Sivadasan, Asst. Manager (Finance), Kochi Refinery.

QCFI Gold

Kochi Refinery ORBIT TEAM, bags GOLD for BPCL at the 21st TQM Annual Convention organised by QCFI Vadodara. This year 58 companies vied for the top spot.
Interlock Bypass Management System introduced for emergencies

Interlock Bypass Management System, a new software application has been introduced in Kochi Refinery. The logics provided in PLC/DCS activates predetermined sequence of actions for safe unit operations and are evolved after in depth Process Hazard Analysis, thus making this application a unique model for process safety of plant. On emergency situations like malfunctioning, instrument checking, planned shutdown/start up etc., process safety interlocks may have to be bypassed with approval so as to ensure uninterrupted operation of the plant.

The Interlock Bypass Management incorporates functionalities to manage interlock bypass authorisation process, viz., register interlock bypass, approve bypass at different authorisation levels, normalise interlock bypass, maintain daily register, generate reports etc.

The system automatically captures data of bypassed interlocks from IP21 as well as from e-Permit System. Each bypassed interlock has to be authorised by DCS engineer, Shift-In-Charge, Section Head, Department Head and CGM (O) based on the duration of bypass, as per SOP standards.

The system is integrated with exchange server for sending e-mail alerts to all concerned users in each stage of authorisation/normalisation processes. Interlock Bypass Management System augments accountability and discipline on the part of person bypassing the interlock and maintains all records of interlock bypasses.

The system designed for the Process Safety requirement specific to Kochi Refinery was developed by KR IS team led by Mr. R Venu. DGM(IS) with team members Ms. Manjula Pavithran, Manager (IS) and Mr. Rahul Sihara, Asst. Manager (Systems). Ms. Manjula detailed about the new system at its launch at the recent PSM Awards.

Driving safely is a responsibility of everyone behind the wheel.

On the theme Bringing Change through Youth Power, a variety of programmes on road safety awareness was organised for employees, contract workers and students during the Road Safety month in January 2020.

Experts from the Motor vehicles department, Govt of Kerala shared case studies on accidents and the revised Motor Vehicles Rules. They stressed on the need for helmets for two wheelers and seat belts for four wheelers while driving on the road. The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

Experts from the Motor vehicles department, Govt of Kerala shared case studies on accidents and the revised Motor Vehicles Rules. They stressed on the need for helmets for two wheelers and seat belts for four wheelers while driving on the road. The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

The theme for this year’s observance is safety on the move.

BPCL officials took out a road-safety march from DCU crusher house area to Transfer Tower -2 of Coke handling system in association with service provider M/s Thyssenkrupp Industries. Mr. Akhil Ghosh, Safety Officer, Thyssenkrupp administered the pledge.

A road safety show was also conducted at IREP Gate in association with Motor Vehicles Department and students of TOC H Institute of Science & Technology. Mr Ananthakrishnan G, RTO (Enforcement), Mr. Manoj Kumar K, RTO, Mr. Babu Joseph, CGM (HSE) and Mr. Ramachandran MK, GM(PSM) spoke on the occasion.

The theme for this year’s observance is safety on the move.
Energy conservation can be achieved in three ways by correcting our wasteful practices, by using more energy efficient gadgets and by tapping more and more energy from renewable energy sources. Self-imposed restrictions are the indications of conservation said Mr. Babu Joseph, CGM (HSE) while inaugurating the Interschool Energy Quest organized for School Encon Clubs on 06 February and Intercollegiate Energy Quest on 07 February at BPCL KR learning center, Kundannoor as part of the Oil & Gas Conservation mission, SAKSHAM 2020.

He also urged participants for their leadership and personal intervention in taking the conservation movement forward. Mr. M.K Ramachandran, GM (FSE), who presided over the meet urged the participants to take the month long Oil & Gas conservation mass awareness campaign under the name SAKSHAM-2020 with the message “Save environment by judicious use of fuel” in its true spirit to achieve higher energy use efficiencies and to minimize wasteful practices. Mr. Sengottaiyan, DGM-Energy administered the pledge for the participants.

SAKSHAM 2020, the national mission for oil and gas conservation under the aegis of the Ministry of Petroleum & Natural Gas from 16 January 2020.

The pledge was administered at the Refinery and all operating locations to initiate the month long campaign that concluded on 15 February 2020. The highlights of the observance this year include marathons, awareness programmes for various target groups with open events at public spaces.

**Marathons & Rallies**

Mr. MRS Iyer, Chief General Manager (Operations & Commissioning) flagged off the half marathon on 26 January from Government Puttumanoor School, Kochi. The race coordinator, Mr. Prashant, Manager (Energy) shared about the need and goal of energy savings for a sustainable future.

The cycle rally where cyclists carried the message of fuel conservation was flagged off from Vyttila on 26 January 2020 by Mr. N Chandrasekar, GM (OM&S). The rally was coordinated by Cherian Jacob, Chief Manager (Maintenance).
Arjuna Awardee Tom Joseph gave the go for the cycle rally from SH College, Thevara, organised by PR Dept.

**ENCON clubs rise to the occasion**

Flash Mob and awareness rally was organised by ENCON club members of Universal Engineering College, Irinjalakuda. The college performed at Irinjalakuda town as part of the SAKSHAM 2020 campaign for spreading the message of conserving fuel.

**Interschool, college quiz**

In the **interschool quiz** competition held on 06 February, teams of Varun Vinod and Joe George of St. Augustine High School, Kalam; Bhavana Alapat & Devika B of Bhavans Vidya Mandir, Eroor and Neeraj B Nair and Aakash Anoop of Bhavans Vidya Mandir, Girinagar bagged the first, second and third prizes respectively. Consolation prizes went to teams of Vaishnav Nair and Vaishnav Varma of Vidyodaya School, Thevakkal and Meera Anilkumar and Devika Manoj of Chinmaya Vidyalaya, Thrippunithura.

In the debate competition, Vishnav Varma of Vidyodaya School, Thevakkal was adjudged as the best debator. Joe George of St. Augustine High School, Kalam, Anaswara Ramesh of Bhavans Adarsh Vidyalaya, Kakanad bagged the second and third prizes. Consolation prizes went to Devika of Bhavans Vidya Mandir, Eroor.

**In the intercollegiate quiz** competition held on 07 February, teams of Basil Eldho and Advait M of Mar Athanasius College of Engineering, Kothamangalam; Athul Joseph and Rijo Raju of Bharat Mata College, Thirukkakara and Suraj S R and Akhil Amruthamayan bagged the first, second and third prizes respectively. Consolation prizes went to teams of Alka Philip and Vishnupriya K G of Alphonsa College, Pala and Kevenliam William and Sreelakshmi Aneesh of St. Alberts College, Ernakulam. In the debate competition specially arranged for the participants, Nebu Titus of TKM College of Engineering, Kollam was adjudged as the best debator.

**Employee awareness Programmes**

Field experts from Armstrong Private Ltd took a session on steam conservation practices for employees. Essay contests, Poster competition and ENCON quiz were also organised for employees. A slogan writing open event of one month was also conducted that received over 100 responses. Winners were declared and slogan will be used in our future activities. Prizes were distributed at the valedictory ceremony on 15 February 2020.

**SAKSHAM QUIZ for employees**

This year 12 teams participated in a tightly contested written round. There was a three way tie for the last spot in finals which was broken using...
and emphasized on the need to continue our efforts for energy conservation and creating awareness. Prizes were distributed to winners of the SAKSHAM contests and Mr. Sengottaiyan P, DGM (Energy) proposed the vote of thanks.

State level closing ceremony

Kochi Refinery Public Relations team coordinated the State level closing ceremony of Saksham 2020 organised by BPCL in association with Marketing BUs.

Valedictory ceremony

State Head of Indian Oil Corporation, Mr. VC Asokan was the chief guest of the valedictory ceremony of SAKSHAM 2020 at Kochi Refinery on 14 February. In his address he detailed about the current challenges faced by energy industry and the Government’s need to focus on the same. Mr. Murali Madhavan, ED(KR) presided over the meet and emphasized on the need to continue our efforts for energy conservation and creating awareness. Prizes were distributed to winners of the SAKSHAM contests and Mr. Sengottaiyan P, DGM (Energy) proposed the vote of thanks.

State level closing ceremony

Kochi Refinery Public Relations team coordinated the State level closing ceremony of Saksham 2020 organised by BPCL in association with Marketing BUs.

ED’s Award for Best Performance in Energy Conservation to Mfg-II (Petro-FCC)
Kochi Refinery along with BPCL SBUs Kerala collaborated for the grand finale in the heart of the city. Santhwana Sandhya, the musical evening by popular playback singer Unni Menon and troupe marked the musical finale that was also dedicated to the specially abled children of the Association of Intellectually Disabled (AID).

This was the last public event as part of the month long Oil and Gas Conservation mass awareness campaign, SAKSHAM 2020 organized by Kochi Refinery. Hon’ble MP Hibi Eden distributed the prizes to the winners of at the Valedictory ceremony of SAKSHAM 2020 that was organized at the Durbar Hall Ground, Ernakulam on the same day.

Mr. P Murali Madhavan, Executive Director (Kochi Refinery) presided over the closing ceremony. Mr Babu Joseph, Chief General Manager (HSE), Mr. George Thomas, General Manager (PR & Admin), Mr. MK Ramachandran, General Manager (HSE), Fr. Roy Mathew Vadakkel, Chairman, (Association for Intellectually Disabled) and Mr.Krishnakumar, Councilor, Corporation of Cochin were present on the occasion. Hon’ble MP also inaugurated the VARNAM exhibition.
I have been a regular walker, enjoying regular 4-5 km walks. Walking brings me closer to myself, and connected to the universe besides an added benefit of keeping me fit. I had been introduced to the many benefits of walking by both my grandfather and my father. My grandfather had lived to be 102 and had walked his talk. My father seldom had any health issues till he was 70 and walking was the only thing he did for physical fitness. I remember the long walks that I enjoyed with my father, where I had learnt a lot more about life than from Google and it’s likes. Since then, walking has become an innate part of my daily routine as I sail through life’s journey.

I joined BPCL as a software engineer from the then Victoria Jubilee Technical Institute, Mumbai more than 2 decades ago. My career in the IT department of Mumbai Refinery and now in Kochi Refinery has given me ample opportunities to learn and leverage varying technologies for business value addition. I have enjoyed working on refinery specific IT projects such as Manufacturing Execution Systems (MES) value-addition, in-house MES-SAP Interface deployment, Systems design and deployment of many applications across Refinery functions, Laboratory Information Management Systems Implementation across BPCL and Group Refineries. I have also participated in many corporate events including Mercurix.

When I first heard of a 50 km in 24 hour Oxfam Trail walker event, I brushed it aside thinking that this was definitely not for me. However, a couple of friends insisted that it would help me stretch my physical and mental limits and bring me out of my comfort zone. I started the long and disciplined preparation for the long walk under the guidance of friends experienced in fitness coaching. Climbing up and down my 7 storey apartment, strength training, core exercises and change in diet in addition to regular 5 km walks on all days of the week. So, come December 2019, I was there on the pristine green lands of Karjat (a kind of hill station at an approximate distance of 70 km from Mumbai) along with my team and hundreds of other walking enthusiasts geared up for the long route ahead.
We started the walk around 6:00 am in the morning and it took us a good 19 hours to complete the 50 km route, taking regular breaks for refreshing ourselves at the Oxfam camps. Oh, the last 7-8 kms were an amazing test of our grit and determination.

As I walked the ‘Last Mile’ I remembered the inspiring journey of a young ocean swimmer, Shubham Vanmali. Just before moving to Kochi, I got an opportunity to translate a Marathi Book to English along with my dear friend, Sushma Koppikar. The book titled Oceans Calling narrates Shubham’s challenging journey to swim across many oceans across the globe. The book is based on the perspective of his parents, Dhananjay and Dipika Vanmali.

Here I was inching forward to my goal of 50 kms, my legs giving away with each forward step. Wouldn’t Shubham have felt the same over the last few miles as he swum across the English Channel. During the translation of this book, I had seen how Shubham and his family welcomed unknown frontiers with open arms, cutting through troubled waters to reach their goal. I had thoroughly enjoyed translating the book, drawing practical learning from it in how to approach challenges and win over the difficulties in ones’ life. I realized time was now testing my ability to apply my learning. Writing is one of the passions that uplifts my soul. The ecstasy of achievement was superb and I attribute it to my family and friends.

The ecstasy of achievement was superb and I attribute it to my family and friends.

I think I discover myself each time I walk. When I prepare for it and when I take things in my stride I think that’s my Ashiana, the place where I’m me, when I walk with my destiny!

Bicycle Mayor of Howrah inspires Kochi Refinery

At the SAKSHAM event organized at Kochi Refinery on 06 February 2020, Bicycle Mayor of Howrah, Saurav Chattopadhyay was given a warm welcome on his stop-over at Kochi Refinery in route the one-man all India Cycling Expedition with a message of Cycle for Environment Care.

Mr. A Mohanlal, Chief General Manager (E&A) waved the green flag for his onward journey from Kochi Refinery in the presence of Mr. Murail Madhavan P, Executive Director (Kochi Refinery), Mr. Babu Joseph, Chief General Manager (HSE), Mr. Kurian P Alapatt, General Manager (HR) and Mr. George Thomas, General Manager (PR & Admin).

ED(KR) congratulated Saurav on his noble mission and wished him all success as he also takes forth the message of Oil & Gas Conservation by being part of the Saksham programme of Kochi Refinery. He pinned the BPCL logo and CGM(HSE) pinned the OGCF badge on Saurav’s jersey as he pledged to take the mission forward. GM(HR) presented him with a bag of nutritional snacks to keep him energised on his journey.

A software engineer by profession, Saurav is an active contributor to the endeavours of Kolkata Cycle Samaj, with a vision to promote cycling. He is a member of the Bicycle Mayor & Leaders Network, which is a global initiative to accelerate the progress of cycling in cities and help get another one billion people onto bikes. Bicycle Mayors are catalysts who bring together the public and private realms to uncover the massive economic, health, and environmental benefits of increased cycling capacity. They are uncovering new ideas, working with others to deliver action and promoting innovations that support better cycling for all. BYCS, based out of Amsterdam – which initiated and coordinates the network – is now working with local partners to set up Bicycle Mayors in cities around the world. Together, they are using the bicycle to address pollution crises, tackle road deaths, break down social barriers and enable people to access essential services for the first time.

At the SAKSHAM event, Kochi Refinery officials came in from various departments to witness the inspirational moment and cheer Bicycle Mayor Saurav who started his journey from Kolkata to reach Kochi after 52 days of cycling, covering a distance of 5000 kms. He then moved on to Thiruvananthapuram to touch Kanyakumari and then proceed for his journey back to Kolkata.
SERVICE CITATION

30 YEARS
Balachandiran S
OM&S
Sivadasan M P
Maintenance
Sivaprasad K G
Maintenance
Thomas Varughese
Maintenance
Liston F
Maintenance
Thiravidamani A
OM&S
Peter Joseph
OM&S

25 YEARS
Dekate M
HSE-QMS
Martin M J
OM&S
Emmanuel V T
OM&S
Shanil V T
Maintenance
Sabu V T
Maintenance
Harikrishnan K C
Fire & Safety
Jayalal N B
Fire & Safety
Rajeev N R
P&U
Raja K R Nair
Fire & Safety

30 YEARS
Dekate M
HSE-QMS
Martin M J
OM&S
Emmanuel V T
OM&S
Shanil V T
Maintenance
Sabu V T
Maintenance
Harikrishnan K C
Fire & Safety
Jayalal N B
Fire & Safety
Rajeev N R
P&U
Raja K R Nair
Fire & Safety

20 YEARS
Krishnadas P
Quality Control
Lisa P Joseph
CPO (KR)
Bijumol B
CPO (KR)
Perumal A
OM&S
Shyjini Kuniyil
HR
Don Bosco Luiz
OM&S
Thomas K Abraham
Projects-PDPP
Sajeev E P
OM&S
Byjumon V J
OM&S

TRANSFERS
PETCHEM
SR. MANAGER - Vivek V
OPERATOR-A - Shibu K R
OPERATOR-A - Subash K Nair
OPERATOR-B - Cijo M Madavana
OPERATOR-B - Mojosh A M
OPERATOR TRAINEE - Subeesh B V
GENERAL WORKMAN-B (TRAINEE) - Gedela Maneendra
HSE
GENERAL MANAGER - Ramachandran M K
D.G.M. (ENVIRONMENT) - Sainath C
OPERATIONS
D.G.M. (SHIFT ADMN) - Johnson K
We deeply mourn the sad demise of Mr. Mathews P J who passed away on 30 Dec 2019. He had retired from the service of BPCL on 31.12.2006 from Security department. He is survived by his wife Mrs. Saramma Mathew, son Binu Mathew and daughter Beena. Mr. Mathews P J had settled at Koothattukulam, Ernakulam Dist.
Mr. Vishal Chacko bids adieu to BPCL-Kochi Refinery, after working in the largest Oil Refinery among Public Sector, for more than 33 years. Vishal, before joining erstwhile Cochin Refineries Ltd., was with Mar Thoma College for Women, Perumbavoor as Junior Accountant for about 2 years.

Vishal was absorbed in CRL in the Non-Management cadre on 18 March 1987 after successfully completing 1-year training period as Commercial Trainee. He was promoted to the Management cadre on 1 August 2011 and was elevated to the position of Assistant Manager (Benefits Administration) effective 1 April 2016.

Mr. Vishal Chacko, a soft-spoken and down-to-earth person, feels proud to have worked in this Fortune-500 Company for more than 3 decades.

Vishal was in Benefits Administration Section throughout his career and was always passionate to learn the finer details of SAP as well as MS-EXCEL.

He thanks BPCL Management for fine-tuning his skills and talents and all his superiors, colleagues and friends for their support, guidance and encouragement received during his enriching journey with Kochi Refinery. He feels that BPCL-KR has a cosmopolitan mix of people and this is a very good opportunity to understand the different cultures in various States.

The memorable period in his career was when he was included as one of the team members in SAP HR Module implementation and the memorable event was when he was presented with a memento for developing an in-house software to process House Building Loan Applications.

Vishal’s spouse Bindhu Vishal is working as Teacher in Bhavans Vidya Mandir, Elamakkara. They are blessed with 2 children. Their elder son, Manu Vishal, after his graduation from NIT, Calicut in Chemical Engineering worked with Reliance Refinery at Jamnagar, Gujarat for 3 years. Later, he acquired MS in Chemical Engineering from the University of Delft, Netherlands and is presently working with Technip, Paris. Their younger daughter, Mamatha Vishal, a B.Tech degree holder in Computer Science is working with IBS Software, Kakkanad, Kochi. She is married to George, who is working at Chicago, U.S.A.

Post retirement, Vishal wants to do a lot of travelling and also to pursue his hobbies in electronics and vegetable cultivation for home needs. Enjoy the work and have a good work life balance – this is the message he shares with other members of Kochi Refinery !!

Vishal, a native of Keezhilam, a village near Perumbavoor is presently settled at Palarivattom, Kochi.

Jwaladhwani wishes him and his family healthy and peaceful days ahead !!!

His address: 32-1329 B (PARC 105), Pulickakudy Kalavath Road, Vattathipadam, Palarivattom, Kochi – 682 025
[E] : vishalchacko@gmail.com
[M] : 9895034339

Mr. NK Menon, joined Mumbai Refinery in 1981 and moved to Kochi Refinery on transfer in 2014. He graduated in Chemistry from G N Khalsa College, University of Mumbai. In Kochi Refinery, he has worked in the Power & Utilities Department and is now superannuating as Executive from the Oil Movement & Stock Department. His wife Kala, is working in the private sector and they have a daughter Nidhi.

JwalaDhwani wishes him and his family a healthy and happy retired life.
M K Vijayan bids farewell

Mr. Vijayan M K joined erstwhile CRL in October 1983 in the OM&S department. He is very happy to have worked in all sections of OM&S department. He is very proud of his company and bids farewell to this prestigious organization, after rendering 36 years of service.

He is a native of Kizhakkambalam in Ernakulam district and his wife Nandini is a home-maker. They are blessed with two sons. Their elder son, Akhil is pursuing his Ph D from the Illinois University, USA after obtaining M.Tech from Indian Institute of Technology, Kanpur. The younger one, Aravind completed his BBA degree and is engaged in business.

With his kind nature, he is loved by his colleagues and friends at KR and his friends in his home-town alike. Post retirement he wishes to take his passion for agriculture more seriously and extensively.

JwalaDhwani wishes him and his family a happy and prosperous retired life.

His address:
Marayikkottu House, Malayidamthuruthu – PO, Thamarachal, Near Kizhakkambalam, Edathala – Via, Ernakulam-683561
Email : vijayanmkbpcl@gmail.com
Tel : 8547584403

SUPERANNUATION

Mr. Johnson Lopuz joined Cochin Refineries Limited in Maintenance Department in 1984 and is retiring from the same department this month.

Mr. Somasundran K K joined Cochin Refineries Limited in Technical Services Department in 1987 and is retiring from F & S Department this month.

Mr. Babu Joseph joined Cochin Refineries Limited in HR Department (Security) in 1995 and is retiring from Finance Department this month.

Mr. Benny K P joined Cochin Refineries Limited in the HR Department (Security) in 1996 and is retiring from the same department this month.

BORL bags CSR Leadership awards for Sports promotions

Our JV Refinery - Bharat Oman Refinery Limited (BORL) has won the Economic Times CSR Leadership Awards, 2020 in the category of ‘Sports / Promotions Development’ for their work in the field of gender parity through promotion of rural sports. Regular Sports Training Program in Wrestling, Chess, Kabbadi and Athletics through expert trainers in the schools from nearby villages, has helped to identify & Excel talents in the neighbourhood villages of BORL and launch several State at National level school players.
Nature’s manifestations are oftentimes inconceivable and breathtaking. Unraveling these pristine beauties is one of the topmost aesthetic pleasures any nature lover or hiker could experience. One such manifestations is the Chokramudi peak—a place of stunning beauty. Located near Munnar and Bison valley, the peak is considered to be one of the highest altitudes in Kerala (around 7200ft above sea level).

I was very excited as I read the mail from BPCL-KR Adventure Sports Club about the trekking trip to Chokramudi. As the seats were limited, I decided to register myself quickly. With a gang of 35 adrenaline-filled adventurers of widely ranged age groups, the trip was finalized to happen on January 5th of 2020.

The journey started from KR gate at around 5.30 am in the morning. The sight of the slowly rising sun was a bliss to all the bright eyed and bushy tailed enthusiasts in the bus. The travel towards the base camp was filled with tea plantations and lush greenery, which was hinting about the wonderful sceneries waiting ahead. Having finished the breakfast on the way to the base camp, we started the trekking at 10am with full energy. The trekking path began with rocky mountain slopes and then gradually turned into the beautiful shola forests. With barely visible foot trails amidst the densely
grown vegetation, we marched forward with the help of a guide who was narrating the significance of the place all the way. It was astonishing to see the guide walk effortlessly in the steep paths without any footwear, when we with our brand new trekking shoes, were struggling to keep pace with him.

With short breaks in the middle, we were marching steadily to touch the clouds beckoning at a distance. As we walked forward, the misty clouds would roll in and the cold breeze would blow it away. Soon, the clouds were puffing below us and we had reached the peak after an arduous trekking of 3 hours. Perhaps, this is what they call as being on cloud nine!

Soon, the clouds were puffing below us and we had reached the peak after an arduous trekking of three hours. Perhaps, this is what they call as being on cloud nine!

Completely satisfied with the gorgeous and mindboggling view, we had our lunch on the Chokramudi peak, chit-chatting peacefully. After relaxing and clicking some moments of happiness to carry along, we decided to start the downward journey with unwillingness to leave the beauty. The downward trek was easier and we reached the base camp within two hours. With a heavy heart and hopes of coming back someday soon, we bade adieu to the Chokramudi peak and started our return journey to Kochi Refinery.

The Chokramudi trek added another memorable chapter in the diary of BPCL-KR Adventure Sports Club. Kudos to M/s Rajeev K, Cherian Jacob and Prasanth K S, other organizers and active members of the club without whom the trip would not have been such a beautiful success.

M. Keerthana
Instrumentation (Zone A)

To join the BPCL KR Adventure Sports Club mail to rajeevk@bharatpetroleum.in
इंतजार

जा । नगी की ओरें पता नहीं किसके इंतजार में एक तर हम
सोक का सिरह रहती थी । भूख होते ही वह अपने
कार्य की विषयक पर बैठ जाती और जब तक रात के अंधियरे के
कारण उसे दिखावा बंद नहीं हो जाता तब तक वह बैठे ही बैठी
रहती थी । ऐसा पिछले दो दिनों से लगातार हो रहा था । विना
कुछ कह चुके पुराने ही उसका बेटा लोगों की उपस्थिति का कारण
बना, फिर उत्तर जानने के बाद दूर का तथा कुछ दिन बीत जाने
के बाद उनकी मिसाल का । लोगों ने जानकी को बहुत समझाया
पर उसके ना मानने पर लोगों ने उससे बोलना छोड़ दिया ।

श्याम जानकी की ओरें का तारा था । सुप्रीत की असमानः।
के परिवार जानकी ने बड़े ही धेरे का परिचय दे दिया हुआ है अपने
एकले बेटे का, जो दादी के शंख याले के उपरांत दूर हुआ था, बड़े
लाड़-पार तथा संस्कृति से पा गया था । बचन में महाशकुरों की
कहानियों, उनके आचरण, तथा, शाम के माथु में इंतजार में
घर कर गए थे । राजा प्रतिवार, विनाई, शाम के आरोपी थे । शाम के
बचन से ही नेगरी था और पाके के साथ-साथ खेल कुएं में भी बहते
आगे रहता था । फिर एक दिन ऐसा हुआ जिससे शाम की
गिरनी बदनी गई ।

शाम के विवाह में एनासी का केंप तथा और बच्चों को
प्रोत्साहन देने के बाहर के भारतीय सेना में कार्यरत केदार मुकेश
माहुत का विवाह गया था । उस केंप में जानकी ने भी विहास किया
थान, निक्क्रेतेन इंद्र के किसे, उनके बात करने का अंदाज, अंदाज,
उनका हाय-माह, उनका विज्ञान, एक नगर में शाम के मन में घर
कर गया । वहे ही होम में उस दिन शाम न घर आया जानकी को
बताया कि उसने तय कर लिया है, उसे एक बना है ।

शाम ने बड़ा आवासीय से एनासी की परिवार उसी की
और अपनी
प्रेमिका के उपरांत भारतीय तथा तब का हिस्सा बन गया । शाम के
स्वभाव और तेज दिमाग के कारण शाम की प्रशंसा करते थे ।
उसे जानकी की भाव को सुख देखकर बड़ी ही सुख रहती थी ।
सबी लोग जानकी को कहते कि आपका बेटा तो भारतीय पौष में
अफसर है, लोग जानकी और शाम का बड़ा समान रहते थे । पर
नियत को जानकी की इतनी सी सुखी भी देखी नहीं गई ।

शाम की पेंटिंग कस्मियर में हुई थी तथा लनवारा का साहित्य बल
रहा था । शाम एक प्राकृतिक की लाक गलत पर निर्भर था ताकि
उसे किसी के रोटे की आवाज सुनाई दी । उसने देखा तो उसे कुछ
विराह नहीं दिया, उसने सोया उनका भम होगा । फिर गोपा की
तरफ उसने देखा तो भाव कि एक लकड़ी नाले में कंसा रो रहा
है । जेअलेके के कारण वह लोके से दिखाये नहीं दे रहा था । शाम ने
अपनी लुकौ की कहा, तुम लोग आए बोहे, मैं बच्चो की निकालकर
आया । रिता में पुराने के बाद उसने पाया कि गहराई का अनुमान
उसने गलत लनवारा था, खाल पूरा गया । उसने उसी निकाली,
सामने पेड़ से भीरों और रस्तो के रास्तो के अंदर सड़क कर
उस बच्चे को वहाँ से निकाला । तभी एक गोली की आवाज
सुनाई दी ।
मेरा भारत, स्वच्छ, हरा-भरा....

वि श्व में है पहचान हमारी,
खेतों से, हरियाली से....
कृपों और पुलिवालों से ....
बंधकों के गुंजन से है,
और उपयन की तितली से है,
आओ निकाहों इन्हें ज्ञान,
भारत मेरा हरा-भरा,
भारत मेरा हरा-भरा !!

यहाँ मंगा बढ़ती है निर्मल,
निदियन करती रहती हलचल,
झरना बहता बोले कलकल,
पुष्प-पक्व को बिहार यहाँ,
पेट्रेथ-परत, जंगल जंगल,
मनोमोक है ये दृश्य सभी,
कितने सुंदर कितने निशंबल !!

यहाँ वुड़ों की पूजा होती,
नदियों में नहाया जाता है,
बट-साबवी तत होते है,
उत्साव, फसलों का मनाया जाता है,
ऐसा पावन है देश मेरा,
स्वच्छ, सुन्दर हरा-भरा !!

दीवाली लाए रंग रोशन,
और ईद खुशी ले आती है,
क्रिसमस बाली ट्रू अपने संग,
हरियाली खूब बढ़ती है,
हर जाति, पंथ और धर्म सभी,
देते हैं ये संदेश सदा,
भारत मेरा हरा-भरा,
भारत मेरा हरा-भरा !!

आओ, हम सब भारतवासी,
मिलकर ले ये दुह संकल,
रविवार को, निर्मली को नहीं है कोई और विकल्प।
जन-जन में और सकल विषय में,
फैलाए ये अनुभूत नारा,
भारत मेरा स्वच्छ है, सुंदर,
भारत मेरा हरा-भरा !!

प्रशासनिक शब्दावली

Unanimous decision - सर्वसमुदाय में व्यक्त किया
Unauthorized absence - अनुमति प्रकाश नहीं
Unavoidable - अपराधित तरीकों
Unconditional - बिना शर्तें
Under estimation - अन-प्राक्कलन
Under production - कम उत्पादन
Under review - समीक्षाभीन
Underdeveloped - अनुपस्थित
Underground - भूमिगत
Undertaking - उपक्रम, यति
Undesirable - अवांछनीय
Undue - अनुचित, अनावश्यक
Uneconomic - अलापनक
Uniform - दरीया, एकसम
Union - संघ, जोड़
Unique - अनुपूर्व, अमूर्त
Unit - एकक, इकाई

Universal - सर्वसमुदायी, सर्वभावी
University - विश्वविद्यालय
Unlisted - अनुमोदित
Unofficial - अस्वाभाविक, गैर-सरकारी
Unpaid - अदालत
Unplanned - अनावश्यक
Unprecedented - अपूर्व
Unqualified - अनहै, अयोग्य
Unregistered - अन्योजित
Unserviceable - असहाय, बेकार
Unskilled - अकुशल
Untapped potential - अप्रयुक्त क्षमता
Unwanted product - अवांछित उत्पाद
Unwarranted - अनुपत्ति, अकारण
Upcountry locations - देहाती स्थान
Uneconomic - अलापनक
Uniform - दरीया, एकसम
Union - संघ, जोड़
INTUC All India Elected Working Committee member, 1986-88.

1991-94: Kerala ESI Regional Board Member, Kerala Head Load Workers Welfare Board Member.

1988-91: INTUC All India Elected Working Committee member.

IREP Project site, 1989-91: Asia Pacific Regional Organizations Trade Union Secretary.


2001-04: Birla Institute of Technology, M Tech in Computer Science.

2004-06: Birla Institute of Technology, Ph.D in Computer Science.

2006-08: IIT Bombay, Ph.D in Computer Science.


2012-14: IIT Bombay, Associate Professor.

2014-16: IIT Bombay, Associate Professor.


2024-26: IIT Bombay, Professor.

Address: Kottamoola House, Changapuzha Nagar P.O., Temple Road, Koonamthai, Kalamassery. [E]: ernakulamintuc@gmail.com
Ra one - ഉടനെ പിന്റേക്ക്

മാത്രം കൂടുതലും താൽത്തിക്കാൻ പറ്റിയ കൃഷി എന്തെങ്കിലും മൂല്യമേറിയതാണ് പാർശ്വബാധകമായ വിപുലമായി, വിവിധ പാരാശുകളിലായി മൂല്യമാരം ഉണ്ടെ? എന്തൊക്കെയും വിവിധമായ പ്രശ്നങ്ങളുള്ള ആൽനിധികൾ പറയാം.

'അമ്മന്റെ അനുഭവത്തിൽ അപ്പോൾ ടെലിസിന്റെ വിപുലമായി ബന്ധിപ്പിക്കാൻ പറയാം?' തെറ്റിയതിനെ അറിഞ്ഞെടുക്കുക.

'നാം പ്രായവുമായി മനോഹരമായും' അർത്ഥത്തിൽ എന്തെന്തും ഉപാദ്യമായി പ്രായക്കുമെ. ഒരു വിവിധവിഭാഗത്തിലന്റെ പ്രശ്നങ്ങളിൽ ജനാധിപത്തിനു പുറത്തുതന്നെ അറിയിക്കാൻ മിക്കവാറും സാമൂഹ്യപ്രശ്നങ്ങളും പങ്കെള്ളുകൂടുന്നു.

'അനുഭവമായിരിക്കുന്നു എങ്ങനെ പ്രീസ്കീപ്പ്‌ക്കുന്നു എങ്ങനെ പ്രായക്കുന്നു?'

കാരണം പ്രായമായി പ്രീസ്കീപ്പ്‌ക്കുകൂടുന്നു എങ്ങനെയും പ്രായക്കുന്നു എങ്ങനെയും? 
As part of SAKSHAM 2020, in an effort to document the birdlife inside Kochi Refinery, the in-house team of K I Bijoy of Maintenance Department and Elizabeth Davis of Public Relations ventured on a five day survey of the birds and butterflies at the eco-park, rainwater harvesting area and other green areas of the Refinery. Bijoy, is a passionate wildlife photographer and his captures have been published widely in exhibitions, magazines and websites. Elizabeth has a keen eye for photography and has won several prizes for her portrayals of life and its musings. Their photos were exhibited along with the prize winning paintings of Varnam 2020 all-Kerala Children’s Painting competition at Durbar Grounds on 16 February, 2020.

**Visual delights from VARNAM Exhibition**

**First Prize Winners**

**Category - A** Std I & II

[Image of artwork]

Diya Krishna VP, Bhavans Varma Vidyalaya, Thirikkakara

**Category - B** Std III & IV

[Image of artwork]

Arshiya Nazmin, Global Public School, Thiruvaniyoor

**Category - C** Std V & VII

[Image of artwork]

Anjaly K.B, Crossroad HSS, Pampady, Kottayam

**Category - D** Std VIII & X

[Image of artwork]

Swathy Sajeev, Govt. HS For Girls, Ernakulam
Safety Week Competitions

Flag hoisting & Safety pledge ceremony
Wednesday, the 4th March 2020
at BPCL-KR, Ambalamugal, at 0815 hrs

Poster Designing
for BPCL-KR Employees
Thursday, the 27th February 2020
at Officers’ Canteen Hall from 0845-1145 hrs

Essay writing
for BPCL-KR Employees (Mal/Hindi/Eng)
Friday, the 28th February 2020
at Officers’ Canteen Hall from 1330-1630 hrs
(1 hr each for Mal/Hindi/Eng)

EYE opener
find the flaws
Monday, the 2nd March 2020
at Main Conference Hall from 1500 hrs onwards

Table top mock drill
Tuesday, the 3rd March 2020
at Main Conference Hall from 1500 hrs onwards

Tool box talk
Wednesday, the 4th March 2020
at Main Conference Hall from 1500 hrs onwards
Thursday, the 5th March 2020
from 1030-1600 hrs
at various locations

SCBA WEARING
Thursday, the 5th March 2020
at Main Conference Hall from 1500-1700 hrs onwards

Case Studies on Near miss incidents

Best Contractor Safety Award 2019
Friday, the 6th March 2020 at CRS Auditorium, from 1800 hrs onwards

Safety Skit
Monday, the 9th March 2020
at Main Conference Hall from 1330 hrs onwards

* Competitions already completed are not included in this list.

Actively participate
Attractive prizes awaits you !!

H CLEANER
S SAFER
E GREENER
INTRODUCING eDRIVE
STOP...SWAP...GO

INDIA’S FIRST BATTERY SWAPPING STATIONS FOR ERICKSHAW

LAUNCHED AT LUCKNOW & KOCHI