



energising lives

JWala DHwANI

**Discover a new
Kochi Refinery**

ജാലധാനി ജ്വാലാധനി | APRIL 2019

Energising BPCL Kochi Refinery



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Discover a new Kochi Refinery

We are very pleased to welcome a new financial year after having recorded excellent performance in the one just past. I join the senior leadership of Kochi Refinery in congratulating us for the sheer commitment that has made Kochi Refinery a very prominent contributor to the overall performance of the company.

In a special message from Executive Director (Kochi Refinery) we bring you the *Million Moments* of Kochi Refinery and other extra special moments in the year that went by. We also bring you the *performance highlights* proudly shared by Executive Director (Refinery Operations) that gives us the entire refinery update in a nut-shell. Every figure stated in both these messages speak of the superlative performance and tremendous effort put in undividedly by each and every group of the Refinery. Some figures are benchmarks for celebrating, and at few instances they truly are for deeper introspection and renewed action. As rightly said, financial success, as well as most success in life, is not about perfection, it's about direction. Let us deliberate to find and move ahead in the right direction.

We are witnessing a huge exchange of knowledge and skills with the lateral moves announced across the organization. I would like to extend a warm welcome to all new members from other regions and BUs who have joined the KR fraternity. Wish you a pleasant time in one of the most happening Refineries in the country where I'm sure you will find something new to learn and discover every day.

While, *JwalaDhwani* will definitely reach you every month, let me also invite you to enjoy your personal discovery of Kochi Refinery, every day.

Warm regards
Editor



Celebrate our 16 Million Moment with renewed commitment

Dear Colleague,

The great visionary business leader Steve Jobs used to say that if you are working on something that you really care for, you don't have to be pushed. The vision would pull you to do remarkable feats.

Looking at the financial year gone by and that which lies ahead, we could feel ourselves being driven by the great vision of transforming our world-class refinery further in to a one whole **'integrated refinery cum petrochemical complex.'**

As you may be aware, our Propylene Derivative Petrochemical Project (PDPP) is nearing mechanical completion. In a month or two, we would commence the commissioning of the three units of Acrylic Acid, Oxo-Alcohol and Acrylates sequentially. This is going to be a turning point in the growth and development of our Refinery. We are also gearing up to supply auto fuels complying with Bharat Stage VI norms by January 2020.

The magnitude of this momentous occasion is evident from the words of our Hon'ble Prime Minister who during the visit to Kochi Refinery said that we would lead "a Petro-chemical Revolution in Southern India and support the growing needs of a New India."

Indeed, the Prime Minister's visit was the most remarkable and inspiring moment in the year. In those '51 minutes' the attention of the whole country was on BPCL Kochi Refinery. It was a time when we showcased the growth and development of our refinery and the efforts of BPCL to shape the emerging new India.

It is worth recalling the words of our Hon'ble Prime Minister: "I urge BPCL Kochi Refinery to keep up this spirit of hard work, social commitment and innovation as it moves towards its next phase of development. We are proud of Kochi Refinery's contribution towards Nation Building."

I am also glad to recall the words of Hon'ble Chief Minister of Kerala: "The development of Kochi Refinery along with the allied activities is a major asset to the growth of the whole State of Kerala."

Propylene Derivative Petrochemical Project (PDPP) nearing mechanical completion.

Gearing up to supply auto fuels complying with Bharat Stage VI norms by January 2020.

No wonder, our efforts to put up a good show was well appreciated. I recall the words of our Chairman & Managing Director from his message: "Thorough preparation precedes success! And our Kochi Refinery Team has proved this yet again. January 27, 2019 will be marked as a red day in the history of BPCL."

Around two months from that solemn occasion, we have crossed the milestone of processing 16 million tonnes in a year. Yes, indeed, it is our '16 Million Moment.' With this we have achieved all our physical targets which was indeed very challenging since we were synergizing our IREP complex with the other units. I take this moment to congratulate all of you for the relentless efforts to realize the targets.

There were four more 'Million Moments' this year that we need to celebrate.

We crossed the safety milestone of 58 Million Man Hours without any lost time accidents. This is a mark of our Safety performance which we need to improve day by day. It is happy to note that our Process Safety Management initiative has slowly starting to reap results in terms of setting a world-class safety culture in Kochi Refinery. But we need to focus and improve in contract workers' safety.

We had also crossed 22 Million Accident Free Man Hours in our Project sites. The target has been achieved with the earnest and dedicated efforts shown by stakeholders including the 5000 plus labor work force of PDPP and Motor Spirit Block Project (MSBP). These project jobs are in the peak and we need to be extra vigilant, responsible and cautious.

This year our SPM has crossed the milestone of receiving 100 Million Metric Tonnes of crude oil ever since it's commissioning in 2007. As of today, we have handled 113.9 Million Metric Tonnes through our SPM ensuring utmost safety, security and marine environmental protection.

In the social front also, we had the million moment of spending over Rs 200 Million for our CSR activities of KR for the first time in our history. In this context, it is heartening to note that we have been able to engage with the local communities by virtue of our CSR schemes like First Meal for over 36000 children and enhancement of social infrastructure as new classrooms and Anganwadis. In the coming year we are focusing to improve the neighbouring infrastructure including the local roads.

This financial year also saw the successful completion of challenging turnarounds of IREP Units and FCCU. It is a matter of happiness, that these were completed ahead of schedule.

However, the most remarkable feat was our performance during the August flood which was the worst flood in a hundred years in Kerala. Amidst all odds including the submergence of our water pumping

**'Million Moments'
of world class
Kochi Refinery**

**22 Million
Accident Free
Man Hours
at
Project sites.**

**100 Million
Metric Tonnes of
crude oil
received at
BPCL SPM**

**Rs. 200 Million
spent for
CSR
activities**

**2018-19
Saw the
successful
completion of
turnarounds of
IREP Units
and FCCU.**

**Kochi
Refinery
initiating
many
programmes
in the area of
'Digitalization.'**

station at Edamula, we kept our Refinery running so as to mainly ensure fuels for the rescue vehicles and helicopters. This socially conscientious performance gained us accolades from our stake holders, public and media.

This year also saw Kochi Refinery initiating many programmes in the area of 'Digitalization.' In order to speed up the efforts, we need to identify 2-3 high value, high impact initiatives and 2-3 quick wins for each of our functions for further development. In a recent message, our C&MD has asked us to focus on "creating a culture in the organization with digitization ingrained in the DNA."

It is said that we could learn more from failures than successes. Though we achieved all physical targets of the refinery, we were not able to reach the targeted Gross Refinery Margin (GRM). Moreover, our operational cost had shown an upward trend. This was partly because of the unplanned shutdown of our VGOHDS unit for and the volatility of crude oil prices. In the coming year, we need to improve our GRM by enhancing reliability & yield pattern, reducing energy & operating cost and better inventory planning.

Friends, as we move towards the most challenging Financial Year 2019-20 when we would transform ourselves as an integrated refinery cum petrochemical complex, I urge one and all to learn continuously and be the part of this great change. It may be noted that this year, KR Team has been blessed with the joining of around 300 new employees thus making us younger as a group.

I once again congratulate each one of you for all the achievements of the bygone year especially that of reaching the milestone of processing 16 Million Metric Tonnes.

Reiterating once again, I urge all of you to focus on process safety management, improving our GRM and optimizing operating cost. We need to safely commission the PDPP units and synchronize these with our Refinery. We also need to focus on ensuring supply of BS VI complaint auto fuels by January 2020.

Friends, let us celebrate this '16 Million Moment' with renewed commitment towards these very important goals in front of us.



Prasad K Panicker
Executive Director (Kochi Refinery) I/c



Operational excellence BPCL Kochi Refinery 2018-19

Hearty congratulations to all Kochi Refiners for the excellent performance of our Refinery during 2018-19 - first year of operation after IREP commissioning. This no doubt, was a result of dedicated efforts put in by TEAM KR.

The major highlights

- Achieved 58.90 million man hours for employees without Lost Time Accidents (equivalent to 4840 days) as on 01st April 2019.
- Highest ever crude oil processing of 16.05 MMTPA meeting MoU & BP target for the year.
- Achieved 103.5 % of capacity utilization during the first year of operation after IREP commissioning.
- Distillate yield of 82.5 % and Fuel & loss of 7.86 % on Crude oil throughput.
- Production of transportation fuel of 76.0 vol % on Crude oil charge.

Performance summary of major parameters w.r.t MoU and BP targets:

S.No	KPI	MoU Target	BP target	Actuals
1	Crude Oil Charge, MMT	15.5	15.6	16.05
2	Crude Oil throughput, MMT	15.58	15.71	16.22
3	MBN, mbtu/bbl/NRGF	76.5	76.5	72.0
4	Crude Capacity Utilization, % (with Crude Oil throughput)	100	100.6	103.5
5	Safety – No. of reportable accidents	Nil	Nil	Nil
6	Operational Availability (OA), %	97	97	96.5*

**Performance
summary
2018-19**

*Considering VGOHDS shutdown as un-planned. (OA is 98.1%, if VGOHDS shutdown from Jan15th, 2019 is considered as planned)

Production and Sales comparison of major products:

Production		Product	Sales	
2018-19 (in TMT)	2017-18 (in TMT)		2018-19 (in TMT)	2017-18 (in TMT)
1050.8	954.6	LPG	1035.8	954.8
2665.7	2386.9	MS (Euro-IV)	2667.9	2382.7
767.7	622.9	ATF	772.3	621.6
7848.9	7001.4	HSD (Euro-IV)	7864.8	6970.3

**Production
vs
Sales**

- **Highest ever production / sales of Propylene 65.8 / 65.9 TMT in 2018-19 against 28.8 / 28.6 TMT in 2014-15.**
- **Highest ever Crude oil charge for a month of 1517.2 TMT in January'19 & Crude oil throughput for a month of 1558.3 TMT in March'19.**

Production and Sales records for a Month in 2018-19:

Highest ever Production for a Month	Product	Highest ever Sales for a Month
TMT / Month		TMT / Month
11.4 / February'19	Propylene	12.0 / March'19
75.1 / November'18	ATF	75.9 / October'18
770.3 / March'19	HSD (BS IV)	778.4 / March'19
40.0 / January'19	Bitumen	43.5 / March'19
21.9 / August'18	Sulphur	22.4 / June'18
108.9 / August'18	Pet-coke	109.0 / July'18

Other highlights of 2018-19

- Honourable Prime Minister of India dedicated the Integrated Refinery Expansion Project (IREP) to the nation & laid the foundation stone of Petrochemical Complex and remotely laid the foundation stone of the Skill Development Institute (Ettumannoor) at BPCL KR on January 27, 2019.
- In spite of adverse conditions around the refinery due to unprecedented flood situation in Kerala, Kochi Refinery ensured un-interrupted refinery operations in the month of August'18.
- The Heat Traced Pipeline laid from Ernakulum Jetty to Kochi Refinery was commissioned in February'19. Total 4 parcels transferred as on date through this cross country pipeline. Secured CIDC award for best construction project for the year 2018.
- Polyol Project: Board approval & MoEF clearance obtained. Estimated project cost is Rs 11130 Crs.
- The Suez Max tanker MT MOGRA - 139 TMT Basra Light crude oil is the 1000th Oil Tanker to berth at the Kochi SPM on 25 August'18 after its commissioning from 2007.
- As on 01st April 2019, we have handled 113.9 MMT crude oil through our SPM after its commissioning.
- BPCL Kochi Refinery received the first parcel of BPCL's own crude oil (MT GEMINI SUN – Das Blend – 91 TMT) on 22 October 2018, which marks another far reaching step of BPCL towards enhancing energy security of the country.
- With the primary aim to promoting agro-processing, BPCL Kochi Refinery has launched the specialty product Food Grade Quality Hexane (FGQ Hexane) in the month of October'18, which could turn out to be a boon for the agricultural sector of South India.
- Polymer Grade Propylene production and sales commenced from October'18.
- Widened the crude oil basket of KR by processing following new crude oils during 2018-19: Light Louisiana Sweet (USA), Kuwait Super Lt (Kuwait), Umm Lulu (UAE) and Okoro (Nigeria).
- A 120 kW Solar Power Plant has been commissioned at Kochi Refinery on World Environment Day, 5 June 2018.
- The first truck carrying Aviation Turbine Fuel (ATF) to the newly inaugurated for Kannur International Airport started off from BPCL-KR on 19th October 2018.
- Total 59 CSR projects approved in the year 2018-19 amounting to Rs. 25 Crores. New portal for monitoring CSR activities has been implemented.
- Achieved 100% completion of the Targeted ESA & ISA recommendations for the year 2018-2019.
- Process Safety Management implementation is done in Crude Unit-2. PSM will be implemented across the refinery by March 2020. New portal for PSM is rolled out.
- Two more butterfly parks were added to BPCL-KR exhibiting its pollution free atmosphere.
- Implementation of more than thirty Energy Conservation schemes enabled fuel savings of around 18760 Metric Tons of Oil equivalent in 2018-19.

- 25,000 trees were planted to increase the Green Belt inside refinery.
- Divided Wall Column (DWC) Technology implemented in Gasoline splitter unit to generate better feedstock for CCR and ISOM unit, column commissioned in 1st week of Mar 2019.
- CRDC/EIL designed "Prototype Desalter" and installed in CDU-3, field trial started in March'19.
- Successfully completed the following planned shutdown / turnaround jobs:
 - a. Catalyst skimming activities of DHDS reactor – May'18
 - b. Major Turnaround of FCCU unit (after 6 years of operation) – Sept'18 / Oct'18
 - c. First ever shutdown of IREP units (CDU-III, DHDT, VGOHDT, PFCCU, DCU and SRU-III) – Dec'18.
 - d. VGO HDS / SRU-2

- BPCL-KR bagged the Technology Excellence Award 2018 instituted by Indian Technology Congress Association (ITCA), "In recognition of the significant interdisciplinary engineering contribution to the commissioning of IREP and positioning BPCL's Kochi Refinery as the largest public sector refinery in India".

- BPCL-KR has won the Kerala State Pollution Control Excellence Award instituted by Kerala State Pollution Control Board (KSPCB) for pollution control measures in the category of very large industries, for the 12th consecutive year.

- BPCL-KR bagged the KMA CSR Award 2018 for "Child and Elderly care" and runners up for "Environment and Greenery" in Public sector.

- BPCL - KR received Apex Gold Award for Environmental Excellence in Operations for the year 2018.

- BPCL – KR also bagged the prestigious Apex India foundation Occupational Safety and Health Platinum award for best safety practices in PDPP (Propylene Derivative Petro Chemical Project) for the year 2018.

- BPCL KR won SDR (Sustainability data reporting) award for the year 2017-2018 which was given in the HSSE meet, Tamil Nadu on April 2018.

- BPCL-Kochi Refinery has been declared the winner in the category - HSE EXCELLENCE IN OIL & GAS Sector of the year at India HSE SUMMIT AWARDS 2018 on 5th October 2018 by M/s. Synnex, Mumbai.

- Quality Circle of Kochi Refinery won 'Par Excellence' award at National Convention on Quality concepts held on 21st Dec'18 at Gwalior.

- Kochi Refinery bagged Kerala State Energy Conservation Award 2018 for Energy Conservation activities and steam optimization management measures.

- BPCL Kochi Refinery has bagged the NIPM Kerala Best Corporate Citizen Award for the second consecutive years.

- BPCL Kochi Refinery bags top imports and exports award on International Customs Day on 25th January 2019. The theme of this year's celebration was "SMART BORDERS FOR SEAMLESS TRADE, TRAVEL AND TRANSPORT".

Once again I would like to congratulate all Kochrefiners for the outstanding performance during the year 2018-19. Let us continue to put in our best efforts in the coming years to excel KR as a world class green Refinery.



Murali Madhavan P
Executive Director (Operations)



Experimenting with emerging technology in distillation

The heart races when a milestone is crossed, a project launched and mission accomplished. BPCL Refineries and R&D are excited that a technology known to only few companies in the world has been implemented here at Kochi Refinery making BPCL the first Indian company to demonstrate an indigenous experiment and foray into the most recent technology in distillation.

It was a proud moment for Bharat Petroleum when the Corporate R&D Centre (CRDC) and Kochi Refinery commissioned its first Divided Wall Column for distillation on 11 March 2019. Divided wall column (DWC) is an emerging technology in distillation and we have commissioned the indigenously designed DWC in the Gasolene Splitter Unit for splitting naphtha.

The GSU-DWC unit was inaugurated by Mr. Prasad K Panicker ED-KR I/C and Mr. Sanjay Bhargava CGM-CRDC in the presence of Mr. PS Ramachandran ED (Projects), Mr. MR Subramoni Iyer, Chief General Manager (Technical),

Mr. P Murali Madhavan, Chief General Manager (Operations) I/C, Dr. V Ravikumar, General Manager (R&D) and other team members from CRDC, operations, technology and Kochi Refinery E&C.

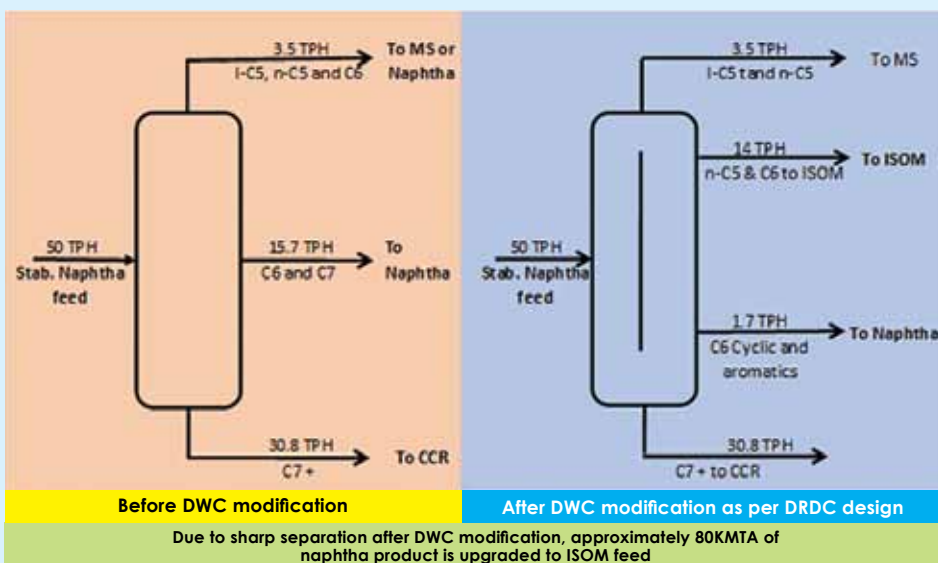
This emerging technology combines the operation of two conventional columns in one shell and consumes less energy (20 to 30%) compared to conventional columns. Besides lower capital and operational costs, improved product quality, smaller foot print area are some of the key advantages why DWC technology is gaining

popularity over conventional distillation.

Central Research and Development Centre along with Kochi Refinery team modified the existing conventional Gasolene Splitter Unit (GSU) column, (GV 201) into the DWC for splitting naphtha to provide high quality feed to ISOM and CCR unit.

This was possible with synergy between different teams of BPCL. The process design which forms the heart of the DWC technology was provided by CRDC while the project was executed by KR-process, E&C and operations. Column internals were supplied by M/s. Koch Glitsch

The modified GSU-DWC column has four products viz. top product directly routed to Motor Spirit (MS) pool, Side cut-I routed through ISOM unit to produce Isomerate, and Side cut-II blended with MS or routed to ISOM unit depending upon ISOM unit requirement. Bottom product routed through CCR for producing reformat. Schematic diagram of GSU-DWC is shown in picture.



GSU-DWC column was successfully commissioned on 11th and the product qualities were monitored closely. The quality and operational parameters were in line with the design and the unit was successfully operated at 50 TPH design capacity.

Sharp separation of all product streams was achieved during the operation. Due to this sharp separation, naphtha production came down by > 10 TPH (Approximately 80 TMTA of naphtha can be upgraded to ISOM feed), which can result in financial benefits to the tune of Rs. 18 Crore/Annum.

As Phil Jackson said, the strength of the team is each individual member and the strength of each member is the team.

The Divided Wall Column (DWC) concept is an emerging technology in distillation that combines the operation of two conventional columns in one shell and consumes lesser energy (20 to 30%) compared to conventional columns





CIDC Award for Kochi Refinery for third consecutive time

BPCL Kochi Refinery bags the Construction Industry Development Council (CIDC) award for the third consecutive year. Kochi Refinery bags it for **Best Construction Project** for Heat Traced Pipeline Project (HTPL) in Kochi and **Construction-HSE**: "Health, Safety & Environment of Propylene Derivative Petrochemical Project (PDPP) for the year 2018-19.

Union Minister Mr. Vijay Goel Hon'ble Minister of State for statistics and Programme Implementation presented the award to Mr. Suresh John, Chief General Manager (Projects) and Krishnakumar A, Senior Manager (Project HSE), Kochi Refinery. (Photo on right)

Meanwhile the HTPL team celebrated the win with Mr. N Vijayagopal, Director (Finance) on his visit to the Refinery on 11 March. Director (Finance) felicitated the team comprising of Mr. B Rajeev, GM (Engineering & Construction, Mr. Georgi Varkey Abraham, DGM (E&C), Mr. Sajeev KA, CM (E&C) and Mr. Robin TJ, SM(E&C) by presenting the

citation to the youngest team member, Mr. Arjun T Chandran, Manager (E&C) (Photo above).

The Heat Traced Pipeline laid from Ernakulam Jetty to Kochi Refinery was commissioned on 12 February 2019 by Mr. R Ramachandran, Director (Refineries) making BPCL the third company in India to have this benchmarked facility in Refinery

Operations. The 20" 10577m long Skin effect Heat Traced insulated Pigable cross country pipeline was laid from Ernakulam Jetty to Kochi Refinery at a total project cost of 337 Cr. The new pipeline will enable transportation of high pour products like HSVR, VGO, LSVR and LSHS between Mumbai Refinery and Kochi Refinery through coastal movement.

Hearty congrats to the PDPP and HTPL team.



District Collector explains how to cast the Vote at SVEEP programe in KR



Let's take pride in the robustness of the electoral process in one of the biggest democracies in the world. I invite you to not only cast your votes but also encourage others to participate in this historic process of electing the leaders of our country

- Ernakulam District Collector



Director (Finance) inaugurates EDG facility at PDPP

Team PDPP was honoured to welcome Mr. Vijayagopal N, Director (Finance) to the PDPP project site for the inauguration of the 3 MW Emergency Diesel Generator (EDG) facility on 11 March 2019.

Mr. Vijayagopal switched on the EDG facility in the august presence of Mr. Prasad K Panicker, Executive Director (Kochi Refinery) I/C, Mr. P S Ramachandran, Executive Director (Projects) and other senior officers of both BPCL and EIL. The EDG is a 3.0 MW diesel engine with a V16 engine manufactured by M/s. Kirloskar Oil Engines Ltd. and the generator by M/s. Anglo Belgian Corporation.

The EDG will be used to power emergency equipment like Cooling Water Pumps in case of a total power shut down.

The site jobs have been completed and commissioned by M/s Kirloskar along with our

team and EIL. EDG readiness is a significant milestone for team PDPP in our journey towards overall mechanical completion of the project and having Director with us on the occasion was a moment of great pride for the entire Project team.



Mr K Mohammed Y Safirulla IAS, Ernakulam District Collector, explained how to cast the vote and the preparedness in the country for the Lok Sabha elections at the Systematic Voter Education and Electoral Participation (SVEEP) awareness programme in Kochi Refinery on 19 March 2019.

The District Administration Group (DAG) is spearheading the awareness programme that includes hands on demo on the Electronic Voting Machines (EVM) and Voter Verified Paper Audit Trail (VVPAT) machines.

The District Collector and senior functionaries from DAG also responded to the queries raised by employees. The VVPAT machine is not a separate voting system, as often misunderstood. The VVPAT is attached to the EVM. Once a voter presses a button on the EVM, VVPAT displays the details on a screen for a few seconds. The display contains the name of the candidate and/ or the symbol of his party, through which a citizen can verify his/her vote.

This was the Collector's first

official visit to Kochi Refinery and Mr. Jayesh Shah, Executive Director (HR) formally welcomed him while Mr. Murali Madhavan P, Chief General Manager (Operations) made the traditional welcome with the Kerala shawl. ED(HR), cast the initial demo vote in the presence of the District Collector and Mr. George Thomas, General Manager (PR&Admin).

The awareness session was made to a house-full KR auditorium that also had few first time voters. Kerala goes to vote on 23 April 2019.



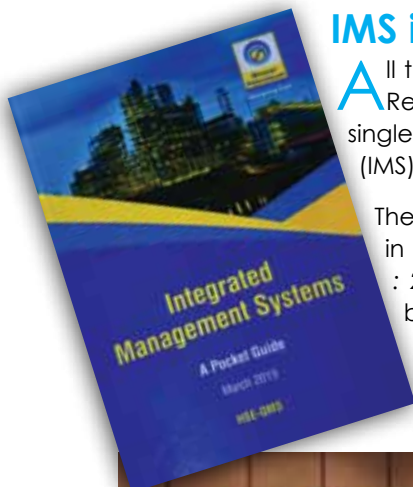
Warm welcome to CEO Ratnagiri Refineries

It was a pleasure to welcome former chairman of Indian Oil Corporation, Mr. B Ashok who, has taken over as the first Chief Executive Officer of Ratnagiri Refinery and Petrochemicals Ltd (RRPL) that's setting up the world's biggest refinery on the west coast.

The idea of setting up the 60 million tonnes refinery on the Maharashtra coast was conceived and as envisaged by the Government, Indian Oil, Bharat Petroleum and Hindustan Petroleum have come together to build the refinery-cum-petrochemicals complex in Ratnagiri district at a cost of 3 lakh crore. Indian Oil owns 50% while HPCL and BPCL have

25% each in the joint venture. Taking over as CEO, Mr. Ashok's immediate tasks would be to build a team, finalise configuration, and ensure smooth land acquisition for the project.

At Kochi Refinery Mr. Ashok was welcomed by Mr. Murali Madhavan P, Chief General Manager (Operations) i/c and members of the senior leadership of Kochi Refinery. Mr. Ashok had discussions with the Management Committee Members and later visited the Refinery. He also planted a sapling at the KR Eco-Park.



IMS in your pocket

All the ISO management systems in Kochi Refinery have been integrated into a single *Integrated Management System* (IMS) framework.

The ISO management systems currently in KR namely *ISO 9001 : 2015, ISO 14001 : 2015 and ISO 45001 : 2018* that have been integrated into the new IMS Refinery.

As the success of any management system rests on the involvement and

awareness of employees at every level, BPCL KR has brought a quick reckoner on the basis of the IMS in Koch Refinery.

The Pocket book was released at the IMS review at KR on 26 march 2019. Mr. Babu Joseph, Chief General Manager (HSE) presented the inaugural copy to Mr. P. Murali Madhavan, Chief General Manager (Operations) I/c in the presence of Mr. Kumar R, Chief Manager (QMS) and other KR role holders.





Director (Finance) interacts with KR Officers at the Town Hall



In a special gathering of the Town Hall at Kochi Refinery on 22 March 2019, Mr. N Vijayagopal, Director (Finance) interacted with officers including new recruits and junior officers who were delighted to see the BPCL Director up, close and personal. Former Finance Chief of Kochi Refinery, Mr. Vijayagopal was here on his first official visit to the Refinery after taking over as Director (Finance), BPCL.

Officers got the opportunity

to raise various queries on the business and future strategies of BPCL which our Director explained in his inimitable lucid style. He encouraged youngsters to foray courageously in their career with BPCL as this is one company that loves to grow with everyone's support. He spoke at length about the new investment plans of BPCL and also shared his experience as being a new member on the prestigious Board of BPCL.

The concept of the town hall meeting is borrowed from the traditional town meeting style of government, used in New England, during 17th century. This was a form of direct democratic rule in which members of a community come together to legislate policy and budgets for local government. In the Corporate scenario, town hall

meetings are an opportunity for senior leadership and employees to connect, collaborate, and share update.

Town hall meetings in Kochi Refinery were launched in the year 2016. This is a platform for employees to gain a big-picture view of our company and understand how our goals are aligned to organizational goals. There had been lot of positive outcomes based on the suggestions received during the town hall meetings held in various departments.

Mr. Prasad K Panicker, Executive Director (KR) I/C welcomed the Director and explained the concept of Town Hall. Mr. Jayesh Shah, Executive Director (HR) and Mr. P S Ramachandran, Executive Director (Projects) were also present.

Engaging safety demos and exhibits by Kochi Refinery



At the NISH 2K19, National Seminar on Industrial Safety and Health organized by Department of Factories and Boilers, Kochi Refinery put up an exclusive stall with

engaging safety demos and exhibits of fire and emergency response equipment at the Ernakulam Town Hall during 5,6 March 2019 Mr. P Pramod, Director of Factories and Boilers



inaugurated the exhibition in the presence of senior officials of BPCL-KR. Safety professionals from various industries across the State of Kerala visited the stall and appreciated the efforts by BPCL-KR.



Green signal to the 500th rake of Petcoke

The 500th rake of pet coke was flagged off from BPCL Kochi Refinery on 28 February 2019 by Mr. P. G. Ganesh, then CGM (Project Tech) in the presence of Mr. P Murali Madhavan, CGM(Ops) i/c and Mr. Babu Joseph, CGM(HSE). The Rs.1500

crores Delayed Coker Unit is one of the costliest unit of the Integrated Refinery Expansion Project (IREP) of KR that began in 2013 and the first coke was cut on 14 June 2017. The first rake of 59 wagons of Petcoke was flagged off on 6 July 2017.



BPCL Supply Chain Optimisation bags strategy excellence award

Winning isn't getting ahead of others. It's getting ahead of ourselves.

BPCL bags the Winner Award in the Category "Strategy Excellence in Raw Material Procurement" at Manufacturing Supply Chain Summit 2019, organised by Future Supply Chain, Mumbai on 26 February 2019.

With enhanced focus on Gross Refinery Margins (GRM's), Team SCO had embarked on various strategies for Crude Oil sourcing as it has a major impact on GRM's. From scouting for cheaper replacements for Middle East Crude Oils and in that process, expanding crude

oil basket to new grades of Crude Oil, suitable for **Mumbai & Kochi Refineries**, from all over the world (like USA, Canada, Brazil, Mexico, Angola, Ecuador, Venezuela), the SCO team left no stone unturned for better evaluation and procurement. **SCO also carried out Crude Oil blend analysis for Kochi Refinery for processing heavier Crude Oils.**

BPCL thus procured a record no. of 8 new Crude Oil during 2018-19, spanning across the Continents [Eagle ford 55(US),

A proud moment for International Trade and BPCL Refineries as the Supply Chain Optimisation team bags big win

Light Louisiana Sweet (US), Kuwait Super Lt. (Kuwait), Umm Lulu (UAE), Cossack (Australia), Okoro (Nigeria), Kidurong (Malaysia) & Sapinhua (Brazil)] and contributed substantially in improving the margin of our Refineries.

The strategic approach of BPCL SCO bagged the "Strategy Excellence In Raw Material Procurement" in the 8th edition of the Manufacturing Supply Chain Summit 2019 organised by the Future Supply Chain Solutions Limited at Mumbai on 26 February 2019. **Team SCO shared that this Award was possible only with the unstained support from Teams of 'International Trade', Mumbai & Kochi Refineries.**

We congratulate BPCL SCO team on this spectacular win.





First moment from the **Moment Makers** on women's day

Calling themselves the *moment makers* of Kochi Refinery, the new working committee of the **Women in Public Sector**, (WIPS) Kochi Refinery Unit commenced activities in March 2019 with the Women's Day programme.

The special day for women was ushered in with pink roses that were presented to all women employees and guests of the day. Ms. Suchitra Menon, Director & CEO at WFB Baird & Company (India) Pvt. Ltd was invited as the speaker of the day.

In a short session, Ms. Menon essayed her life and lessons as a Finance officer turned Director &

CEO of a leading company with manufacturing units in Ireland and India. Presenters of the *brand Burgoyne*, this company is one of the world's oldest and largest Linen manufacturing companies supplying Irish Linen to major high end designers, brands and retailers in USA, Europe and Asia including India.

"Travel a lot, find a space of your own and find time to stop and listen to the world going by your side. That is what will help each one of us to connect with our inner selves in this mad rush of our daily lives," said Ms. Menon, adding, that this was applicable for both men and women.

The *moment makers* were pleased to interact with Ms. Menon who shared both her high and lows in life. Ms Rafiha Khan, L&D welcomed the chief guest and Ms. Kavitha Mathew/HR proposed the vote of thanks.

The office bearers of the new committee are: **Coordinator:** Ms. Rafiha Khan/ L&D, **Vice President:** Ms. Kavitha Mathew/HR, **Secretary:** Rutuja K/IS, **Treasurer:** Ms. Amala P Kuriachan. **Core committee members:** Ms. Reshma Voona/ Prodn. Plg, Ms. Anu Appukuttan/ Projects, Ms. Sreeja Kumaran/ E&C, Ms. Rajeshwari D/Project-Technical, Ms. Priya Ganesh/ P&CS, Ms. Usha Nurichan/ F&S and Ms. Shiny Sarah Varghese/Mfg.

Beyond Work Place initiatives for women by Kochi Refinery

Under CSR, Kochi Refinery had undertaken several initiatives for women and girl children. A quick glance at the major ones in 2018-19.

Livelihood enhancement project for vulnerable women – Providing financial support for stitching units, goat rearing, petty shops,, beauty parlour etc. Beneficiaries : 60 women. Project Partner NGO: SOS Childrens Village

Livelihood enhancement project for mothers of children suffering from long term illness: Financial support for construction of building for making - ready to eat foods, chips, pappad etc. Children suffering from long term illness will be looked after during day time at this common facility in the same complex so that mothers can work to earn. Beneficiaries : 50 women . Project Partner NGO: Solace

EKAL VIDYALAYA: A continuing project for supporting 100 One teacher schools for tribal children in remote areas of Wayanad and Attappadi. All teachers are tribal women/ girls who have been empowered through EKAL programmes. As an add on advantage, teachers / students and families engage in small scale organic farming and sericulture for income generation. Majority of the students are girls. Beneficiaries: 2000 girls/women Project Partner NGO: Friends of Tribal Society

Anganwadi Supplementary Nutrition Programme: Providing supplementary nutrition to all Anganwadi Children near the refinery neighbourhood, which also includes nutrition and recreational facilities to Adolescent Girls and lactating mothers. Beneficiaries: 400 Adolescent girls and lactating mothers



Bring out the zara sa aur....

Life is all about standing out. About doing something phenomenal every day to make it a profitable journey. At the core of delivering the waah, can I add that Zara sa aur? This will be your gift to life, your gift to your career, your gift to your customer for a better experience.

In a motivating and engaging interactive session **Pathway Conversations** with Ashish Vidyarthi, KR team received a unique slice of corporate life with splashes of wit, wisdom and mind-blowing energy.

True to the name, the two sessions at Kochi Refinery were more like a pathway conversation addressing issues and inviting one to take action and make the most of the opportunity called *Life*. The sheer positivity that he brought in his interactions allowed

“At the core of delivering the waah can I add that Zara sa aur? This will be your gift to life, your gift to your career, your gift to your customer for a better experience”

- Ashish Vidyarthi

participants to experience the magic in day to day work and life in a totally different way.

His brainchild *Avid Miner Conversations* was created to engage in creative conversations to bring out the champion in each individual, in the midst of challenges that life might throw at us. The modules are curated after background work with the HR and Learning & Development teams and bespoke ensuring that the real-life challenges being faced by

the specific organization are addressed.

Motivational sessions by reputed speakers is a part of the new **Guest Speakers Series** launched here at Kochi Refinery. As part of this initiative, Mr. Akash Gautam was the first guest speaker with his talk “Rise and Shine” in December 2018. Followed by this session by Mr. Ashish Vidyarthi, a National award winning actor of India.

Mr. Vidyarthi conducts *Avid Miner* programs all over the world and is also a TEDx India speaker. In the past he was invited as a guest speaker for MERCURIX participants and has also addressed at various meetings held at BPLC.

Come to look at it, this *Guest Speakers Series* is the zara sa aur L&D has created for Kochi Refiners to find the champions in us beyond the everyday rigours of life and work.





Energising Entrepreneurs

You are never too old to make a fresh new start, nor too young to learn something new. This was the objective of the two week Entrepreneurship Development program – EDP exclusively for SC/ST candidates developed by BPCL Kochi Refinery for helping them venture into the mainstream without any inhibitions. The programme on “How to establish and manage your own business” was organized by Kochi Refinery in collaboration with School of Management Studies, Cochin University of Science and Technology, Kochi in February 2019.

SC/ST candidates willing to establish their own enterprise or company and set up businesses as contractors, vendors and service providers of goods, services (both engineering and non-engineering) required for petroleum and other industries, government sector and private sector were invited for the programme. Those interested

in start-ups in agribusiness, manufacturing and allied services were also considered in the programme that was designed for 30 Candidates. The programme was open to ITI or Diploma holders and start-up entrepreneurs.

After preliminary screening 26 students made it to the first batch of programme that was rolled out on 25 February 2019 by Mr. PS Ramachandran, Executive Director (Projects) at a function presided over by Prof Mavoothu, Director School of Management Studies (CUSAT).

The programme was conducted at free of cost and accommodation was arranged for those attending from distant locations.

CUSAT designed and developed the programme that touched on the basics of entrepreneurship, its importance as a career choice and also the personality characteristics and traits of an entrepreneur. Separate sessions

were organized on identifying business ideas, market segments, market research, preparing a business plan, working capital management, banking and finance, managing resources and also on registering a company and various other registrations like MSME and start-ups.

The students were also given real life exposure with industrial visits apart from hands-on exercise in registration process with BPCL KR. Mr. V Pugazhendi., DGM(P&CS-Vendor Development) who coordinated the programme detailed on the related processes and procedures followed in vendor development at BPCL.

Business games and engagements were also organized to motivate the students who had to submit a business plan and also make a final presentation at the end of the three week of training.

Mr. M R Ramadas, General Manager (P&CS) addressed the students at the valedictory ceremony and congratulated them on being the first batch of the unique initiative developed by Kochi Refinery for energizing entrepreneurs. He distributed the certificates of completion along with Prof Mavoothu, Director School of Management Studies (CUSAT) and Mr. Mr. V Pugazhendi.

ED (KR) inaugurates International Seminar

American Welding society International seminar on “Welding with Tubular Wires”, jointly organised by Indian Institute of Welding-Cochin and SCMS Group of Educational Institutions took place at SCMS Muttom Campus. The seminar was delivered by AWS Official Mr. Brian Gaal, also Technical Director, ARCOS Industries LLC. The seminar inaugural ceremony was presided by Mr. R. Srinivasan Chairman, Indian Institute of Welding Foundation, Mumbai and inaugurated by Mr. Prasad K Panicker, Executive Director, BPCL Kochi Refinery.





BP Nedumbassery, a new landmark for God's Own Country

Bharat Petroleum presents a new landmark for God's Own Country, the BP Nedumbassery. The new Company Owned Company Operated outlet is the latest edition to the Kerala map and a feather on the cap for BPCL Ernakulam Retail territory.

The outlet was inaugurated by Mr. V. J. Kurian, IAS, MD (CIAL), in the presence of Mr. A. C. K. Nair, Airport Director, (CIAL), Mr. A. M. Shabeer, ED-Engg. Services, (CIAL), Mr. Prasad K Panicker ED (Kochi Refinery), Ms Mini Eldo, President (Nedumbassery Panchayat), Mr. Inderjit Singh, Head (Retail South), Mr.P.M. Somachudan, General Manager (Refinery Coordination), Mr. Venkatraman Iyer, State Head - Kerala and officials from CIAL, BPCL, dealers and general public.

The team remembered the efforts of Mr. George Paul, former Executive Director (Retail), former South & State Heads Mr. Santosh Kumar and

Mr. Rahul Tandon for the CFD approvals and initial liaisons with State and CIAL authorities for the fruition of this project that was initiated in 2014. The executing team who rolled it out included Mr. P Sajith, Assistant Manager (Retail Engineering), Mr. Jayakumar KN, Territory Coordinator (Ernakulam), Mr. ManojKannaril, now Territory Manager (Calicut) and MsVineetha, Assistant Manager (Retail- Sales) and Mr. Saurabh Jain, now TM (Gwalior) who looked after MOU and legal works. The team received extensive support and guidance from the Retail Head Quarters and Regional Engineering team for the layouts and full support from the State teams of Kerala and Karnataka.

This fully owned and operated petrol station of BPCL is at one of the most important locations enroute the Cochin International Airport, in Kerala and it marks the association of BPCL with CIAL on yet another new venture. The expected volume from this COCO is 250 KL MS and 400 KL HSD.

KOCHI INTERNATIONAL AIRPORT



Mr. V. J. Kurian, IAS,
Managing Director (CIAL)
Inaugurates the BPCL
Company Owned
Company Operated outlet
in CIAL premises

Mr. Prasad K Panicker
ED (Kochi Refinery) I/c
fuels the inaugural
vehicle at BPCL COCO





Best Young Manager

Gen Ys' of BPCL Kochi Refinery converged for GENIE – 2018-19 at the Kochi Refinery Learning Centre on 26 & 27 February 2019 for the ultra-exciting business event.

GENIE, the annual GEN-Y Business Event as part of YouNGAGE at BPCL – KR for the year 2018-19 started off with Mr. Babu Joseph, Chief General Manager (HSE) inaugurating the event by lighting the lamp and delivering the inaugural address. Mr. Karunanidhi T V, GM (Quality Control) and Mr. Mohan Ram B, DGM (ER) I/C were present during the function.

The contests of the year kicked to a start with Just A Minute (JAM) followed by Adzap, Brand Scrabble, first round of Business Quiz

Marketing Mania





Congratulations to the winners!!



First - Amit Sinha, A (JG), (HSE-Fire & Safety),
Second - Soosai Raj V, B (JG), (Maint PU - IS Zone A),
Third - Nair Akhil Sukumaran, A(JG), (Mfg li - DCU)



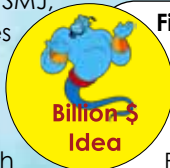
First - Amit Sinha, A (JG), (Hse-Fire & Safety),
Second - Nair Akhil Sukumaran, A, (Mfg II - DCU);
Third - Anand Krishnan R, B, (P&U - Electrical)



First - Arjun Anand, B, (OM&S); Divyanshu Dubey, B, (Mfg II - CDU 3); **Second** - Shivam Kumar Kaushik, C, (Mfg II - DCU), Nair Akhil Sukumaran, A, (Mfg II - DCU);
Third - Sohan Dey, B, (Mfg II - CDU 3), Ankur Omprakash Pandey, A, (Petchem)



First - Venkateswaran K G, B, (P&U - Electrical), Amin Ajay, B, (P&U - Electrical), Anand Krishnan R, B, (P&U - Electrical), Nashik E Najeeb, B, (P&U - Electrical); Parvesh Kadiyan, B, (Mfg li - Fccu); Rameshbinu NN, B, (Mfg II - Petro Fccu); Sameer Raashid, A, (Maint Pu), **Second** - Yadukrishnan G, B, (Projects - Petchem); Srinivas K, A, (Mfg - CDU 2); Monish B S, A, (Maint U&O); Gokul Krishnan G, A, (Maint PU); Vemuri Kalki Venkata Subbarao, A, (Petchem); Limaye Amit Shirang, A, (Petchem); Mohit Borana, A, (Petchem), **Third** - Arjun Anand, B, (OM&S); Deepak Singh, B, (Mfg - Ccru Vgo); Divyanshu Dubey, B, (Mfg II - CDU 3); Sohan Dey, B, (Mfg II - Cdu 4); Amit Sinha, A, (HSE-Fire & Safety); Nair Akhil Sukumaran, A, (Mfg li - DCU); Aurora Pranay Rajkumar, A, (P&CS)



First - Srinivas K, A, (Mfg - CDU 2); Eric Thomas Thannikuzhippil, A, (Projects - Petchem); Monish B S, A, (Maint U&O); **Second** - Yadukrishnan G, B, (Projects - Petchem); Gokul Krishnan G, A, (Maint PU - Area 5); Srikanth Manivel, B, (Projects - E&I); Rameshbinu Nn B, (Mfg II - Petro FCCU) **Third** - Amin Ajay, B, (P&U - Electrical); Anand Krishnan R, B, (P&U - Electrical); Nashik E Najeeb, B, (P&U - Electrical)

and Best Young Manager which continued to day-two wherein the Billion \$ Idea, Finals of Business Quiz and Best Young Manager contests found the winners of the year.

Genie 2018-19 was facilitated by PSMJ, Chennai. Winners received certificates and gift vouchers from Mr. Jayesh Shah, Executive Director (HR), Mr. Subramoni Iyer, Chief General Manager (Technical) and Mr. Suresh John, CGM (Projects). Hearty congrats to the Winners and participants of GENIE 2018-19.

Business Quiz



Billion Dollar Idea



Safety Week at Kochi Refinery

Safety celebrations never ends in a week or fortnight. Together we have to strive for cultivating and sustaining a safety culture for fuelling our nation's progress. We bring you a quick report of the Safety Week at KR.



Mr. Prasad K Panicker, Executive Director (KR) I/C hoisted the safety flag in front of administration building on March 4th 2019 to mark the beginning of the safety week celebrations. Cleaner, safer and greener was the core theme of the Safety Week 2019.

He once again urged all to take Process Safety to heart as that was the key to developing a conscious attitude towards safety. He also highlighted the importance of Contract Safety and declared that the year 2019 is focused on Contractor Safety.

Mr. Babu Joseph, Chief General Manager (HSE) welcomed the enthusiastic gathering by stressing on the importance of Cultivating and sustaining a safety culture for Nation building.

Safety pledge was administered by JHSSEC members Mr. Shinoj K of P&U department, Mr. Sunil Kumar T P of Manufacturing 2 department and Mr. Abhilash S.A of Maintenance department in Malayalam, Hindi and English respectively.



Mr. Ninan C S, General Manager (Advisory Services) hoisted the Safety Flag at the Shore Tank Farm, Puthuvypeen on 4 March.

Contests for employees

A wide range of competitions were conducted for employees as well as students and contract Workers to create awareness on the importance of safety. Slogan competition, Essay writing and Poster competitions for employees and CR School students saw many entries based on the theme – *Sustain Safety Culture for Building Nation*.

Eye opener - Find the flaws really widened the observation skills of employees to easily identify the hazards associated with various jobs which will facilitate in taking proper actions to eliminate the hazards.

HSE Quiz competition attracted a lot of audience and the thrilling encounter between the employees was a treat to watch. The Quiz which consisted of 8 rounds was a knowledge booster for the entire gathering.

Case studies on near miss incidents was a platform to share various high potential near misses happened across the refinery and its root causes. It indeed opened eyes of the employees to take all necessary actions to prevent the recurrence of such near misses.

Tool box talk competition and SCBA wearing competition was widely accepted with huge participation across various departments in the refinery.



The show stopper of the Safety Week Celebrations was the skit competition organized on 7 March 2019. This time there were five entries for the Safety skit competition. After a really tough competition the first prize was bagged by IREP Utility team for the play First Choice and the second and third went to Amitha Aathma vishvasam Aapath of IREP team of Manufacturing-2 and Uyarthezhunelpu of Quality Control department respectively.

Session for Tanker truck crew

Mr. Ventkatesan K, State Head LPG, Kerala inaugurated the road safety awareness



programme for LPG tanker truck crew on 26 February 2019, in association with motor vehicles department, Kerala State at the LPG TT parking ground of BPCL, Kalamassery. Mr. Sadik Ali, Rtd RTO, Motor Vehicles department Kerala demonstrated the various aspects of handling and transporting the petroleum products. He also stressed on the need for tanker truck crew to be more alert as any negligence from their part could lead to accidents and damages to public and surroundings. Mr. Vinod P.L, Chief Manager (OM&S) welcomed the gathering. Mr. Odela Vijaybhaskar, TM (LPG Kochi) and Mr. Michael Solomon MJ, Senior Manager (OM&S) were also present.

Contractor Safety

In order to improve the safe working culture of contract employees a wide range of competitions were organized. This includes Talks on General safety and Electrical Safety, Identifying PPEs required for a given task, Training on wearing of SCBA. Considering the contribution of Contract workers in safe running of the refinery, Contractor safety award-2018 was distributed considering a number of parameters pertaining to safety. Based on contract value, the Contractors were divided into category 1 and 2.

M/s Offshore Infrastructures Ltd bagged the first prize, M/s Bridge & Roof Co(India) Ltd bagged the second prize and M/s ThyssenKrupp Industries India Pvt. Ltd received the consolation prize in category I. In category II M/s Tech steel Engineering Contractors received the consolation prize.

A live fire fighting demonstration was also held at our Fire training ground in which more than 100 contract employees participated.

Valedictory function

The week-long celebrations culminated with the valedictory ceremony on 11 March which was presided over by Mr. P.S Ramachandran, ED (Projects).

Mr. Sooraj Krishnan R, Joint Director, Factories & Boilers, Govt of Kerala inaugurated the function. Prize distribution of various competitions was also held during the valedictory function. **Manufacturing I** department was selected as the best department considering the participation in Safety Week Competitions. Winner details overleaf.

Hearty congrats to winners of Safety Contests

Safety Slogan

Hindi



First

Nishant Choubey



Second

Ravi Prakash Suman



Third

Anthony Solaman

Malayalam



First

Anil Kumar, C.S.



Second

Ramachandran, N.



Third

Rajeendran P.K.

English



First

Vinod P.



Second

Prasenjit Bhattacharyya



Third

Anand R.

Safety Poster Competition



First

Sunilkumar A.



Second

Sangeeth Gopi G.S.



Third

Sudheesh A.

Tool Box Talk



First

Aadhil Ahamed A.



Second

Aadhil Ahamed A.



Third

Anthony Solaman

HSE Quiz



First

Aadhil Ahamed A.



Second

H.C.M. Gowd.



Third

Sonali Shetty.



First

Hariprasad K.R.



Second

Sangeeth Gopi G.S.



Third

Ambadi Aravind D.

Safety Essay

Hindi



First

Ravi Prakash Suman



Second

Nishant Choubey



Third

Sangeeth Gopi G.S.

Malayalam



First

Salim, K.K.



Second

Anthony Solaman



Third

Binoy PK.

English



First

Pooja Baliga B.



Second

Saurav Garg.



Third

Shyjini Kuniyil.



First

Vivek V Prabhu.



Second

Arjun Jos.



Third

H.C.M. Gowd.

Eye Opener-Find the Flaws



Consolation Prizes

Alok Kumar Sharma.



Consolation Prizes

Jomon M.C.



Consolation Prizes

Antony Fabin V.S.



First

Shekhar.



Second

Manu Antony.



Third

Srinivas K.

Case Studies on Near Miss Incidents



First

Neelabh Sudhanshu Upadhyay.



Second

Sandeep Paul Francis.



Third

Sunimon S.

SCBA Wearing



First

Manushankar K.



Second

Basil T Kurian.



Third

Parvesh Kadiyan.

Consolation Prize



Amal Sukku.

A wonderful learning expedition

Working in BPCL Kochi Refinery has been an incredible learning expedition says Mr. NL Soman. " I am thankful to everyone I met in this journey, including the Government Departments like the Central Excise, Customs, Foreign Trade, Legal Advisers, etc. as each one has played a very important role in my career progression and knowledge updation. There are enough opportunities for learning and enhancing knowledge and many brilliant takeaways from this Company."

Mr. NL Soman joined erstwhile CRL as a commercial apprentice in 1984 and got on to the permanent rolls in 1986. He feels fortunate to have got this job with a Company that helped him pursue his studies and acquire CA degree while in service. After an eventful career he bids adieu as Chief Manager (Projects).

He cherishes team celebrations when KR received special permissions and waivers under various schemes from various statutory bodies for the IREP, one of the biggest projects. He has also won prizes in the BPCL IDEAS contests in three consecutive years.

Mr. Soman is the recipient of several awards including the highest professional updation award for the year 2018, for Chartered Accountants serving in industry, from the Ernakulam Branch of Institute of Chartered Accountants of India (ICAI). He received it recently from Justice Devan Ramachandran, Judge, High Court of Kerala. Mr. Soman is a Faculty for Indirect Taxes & GST and has



conducted more than 200 stage presentations in and out of Kerala for stake holders both in government and private sectors Post retirement he would like to continue the honorary service to more stakeholders.

His wife, Kanjana ER is a home-maker and they are blessed with a daughter, Devika S. She has qualified CA and CS and is presently undergoing training for membership in the Institute of Company Secretaries of India (ICSI).

"I am taking along with me some fond memories involving a large number of my dear colleagues and in return I express my sincere gratitude to you and this great organization which I am sure will grow to greater heights."

JwalaDhwani wishes Mr. NL Soman and his family health, happiness and lasting peace.

His address:
Niravath House (KTN-146)
Kothakulangara, Angamaly,
Ernakulam Dist, Pin : 683 572
(T) : 0484-2458780, (M) : 989513878
(E) : ca.somannl@gmail.com

BPCL champs again

BPCL Volleyball team clinched the All India Volleyball Tournament champions trophy in Bergur Chennai defeating KSEB in straight sets

(3 -0) in the finals on 5 March 2019. This victory is in spite of the fact that three of our main players were out of action due to sickness and Injury .



Adieu from Ravi R

Mr. Ravi. R is retiring from Refinery after completing 31½ years of service. He joined on in September 1987 in F&S department and moved to OM&S in 1995. He worked in all sections of OM&S department.

A native of Arakkonam, Tamil Nadu, Mr.Ravi's wife Mrs.Vijaya is a home maker and they are blessed with two children. Their daughter Divya is a B.Tech graduate from NIT Calicut and is working in a software company at Bangalore. She is married to Mr. Abhilash who is working as a senior project Engineer with WIPRO, Bangalore. Their son Mr. R. Sandeep Kumar completed his B.Tech in Aerospace Engineering from IIT Madras and is currently pursuing MS in Aerospace Engineering from IIT Madras.

A sincere and hardworking individual. Mr. Ravi. R



is extremely happy that his children received good opportunities for higher education for which CRIS helped them a lot. Presently he has settled with his family at Thykoodam, Kochi and he wishes to continue in Ernakulam after retirement.

Jwaladhvani wishes him and his family a happy retired life.

His address:

SandhyaNivas, AKG Road, Thykoodam,
Vyttila – PO, Ernakulam – 682019
Phone: - 23330007048 / 9495307048

T K Sasidharan bids goodbye

Mr. T K Sasidharan began his career with Indian Army in 1978 at a young age of 19. He was with Corps of Signals as Operator (Telecommunications) and served till 1995. He was initially posted at Jabalpur and went on to serve across the country and eventually retired from Andhra Pradesh.

Basically from Perumbavoorin Ernakulam joined erstwhile Cochin Refineries Ltd. (CRL) in July 1999. Before joining CRL, he worked with Hycount PVC Pipes, Aluva and also completed a 2-year ITI course in refrigeration and air conditioning. At the Refinery, he voluntarily took up multifarious roles in Security & Human Resources Departments. His cherishes his involvement during relief operations consequent to the recent Kerala Flood and preparatory work before the visit of Indian Prime Minister to Kerala in January 2019. He retires from Security Department after putting in more than 19 years of service in Kochi Refinery.

A soft-spoken person, he has a host of friends inside and outside Kochi Refinery. He thanks BPCL Management, his superiors, colleagues and friends for their guidance and support received during his unforgettable journey with Kochi Refinery and also conveys his sincere gratitude to Cochin Refineries School for grooming his children.

Mr. Sasidharan's wife, Sreekumari S Nair, is a homemaker and they are blessed with a daughter and a son. Their daughter Mridula Devidas, is an Electronics & Communication Engineer and is married to Devidas D Pisharady, who is an Electrical Engineer. They have 2 children, Malavika and Mahadev. The younger son, Vineeth S Nair holds a Bachelors in Architecture and is working with an Architectural firm in Ernakulam.

Post superannuation Mr. Sasidharan would like to settle in Eloor, Ernakulam, for the time being and support his children in the wholesale distribution business of pump sets, generators and diesel engines in Eloor.

JwalaDhwani wishes him and family happy, healthy and peaceful days ahead.

His address :

Krishna Kripa, SRAA 159
Ayirettil Temple Road, Eloor South,
Tripunithura.
(M): 9744100344 / 7907563898
E-mail :sasidharankesavan@yahoo.in

Interviews by: S Parameswer, HR



Thank you Kochi Refinery

A native of Perinthalmanna of Malappuram District, **Mr. Balakrishnan P** joined Indian Navy in June 1977 in the Naval Police Wing and then joined Refinery in July 1999 in Security department. He moved to OM&S department in Wagon Loading and Tank Farm-II areas in 2010. He is now retiring after completing almost 20 years of service.

A calm and quiet person, he is lovingly known as "Balettan" among his friends and co-workers. His wife Mrs. Sobhana is a home maker. Their elder son Vineeth Balakrishnan who is married is working with State Bank of India, Kizhakkambalam after his B. Tech. His wife Bini, is also a B. Tech graduate and is working with Union Bank of India, Choondi. They are blessed with two children, Niranjan and Nirav. Mr. Balakrishnan's younger son Vishnu is a post graduate working in Info Park, Ernakulam with EXL.

Mr. Balakrishnan thanks Kochi Refinery for his present financial position and family status. He will be settling down in Perinthalmanna. Since both children have settled at Ernakulam, he hopes to travel to Ernakulam more often to meet them and his grand children.



JwalaDhwani wishes Mr. Balakrishnan and family happy, healthy and peaceful days ahead.

His address:

Ragam House, Pathaikara-PO
Perinthalmanna,
Malappuram - 679322
Mob: 9037384305
Email: balakrishnan107148@gmail.com



Mr. Sajeevan says goodbye

Mr. Sajeevan is a native of Narakkal, Near Vypin and joined KR in October 1985 in HR department and later moved to OM&S. He has worked with almost all sections of OM&S and post his nearly 34 years in refinery he is happily retiring with fond memories.

His wife Mrs. Geetha Sajeevan is a home maker. Their elder daughter Reshma working in South Indian Bank after completing her Masters in Commerce. Their son Roshin is in his final year of Diploma in Engineering. Their youngest daughter Ranjitha is pursuing 2nd year in Bachelor of Arts in Bharata Natyam.

Mr. Sajeevan is grateful to CRS for the good education his children received and to the Refinery for the all-round support and encouragement during his tenure. A popular singer, he had a good circle of friends and his songs were a hit at all OM&S functions and cultural activities.

He has presently settled at Ambadimala and wishes to dedicate more time to social activities. JwalaDhwani wishes him a happy and healthy retired life.

His address:

Nikithil House,
Ambadi Line, Ambadi Mala,
Thiruvankulam-PO
Ernakulam- 682305
Mob: 9895097875

Farewell from Thambi

Joining KR in 1985, **Mr. Thambi KV** who hails from Kumbalam has worked in almost all sections of OM&S department in his 34 years of service at Kochi refinery. He is happily retiring to settle down with his family.

His wife Mrs. Chandrika is an Assistant Manager in Oriental Insurance Company. Their daughter Remya is a Librarian in Bhavans Vidya Mandir, Elmakkara and their son Sarath is working with Nissan Motors, Ernakulam after his B.Tech.

He extends his gratitude to CRSSchool for helping his children in their education and he extends his gratitude to KR for all that he is now. His friends



are comfortable with him for his calm and quiet nature. Mr.Thambi is presently settled at Petta and he wishes to dedicate more time for social activities.

Jwaladhvani wishes him a happy and healthy retired life.

His address: PKRRA-47, PoonithuraKottaram Road Poonithura, Ernakulam, (M) : 9447508793

Thank you for the incredible love and support

After a tenure of 37 years of in this fantastic organisation where **Mr. Krishnadasan V N** began as a Workman, he is totally happy to pack up as a Manager.

"I got the opportunity to learn several things which helped me, both in my professional and personal life. FCCU revamp and FPU revamp were really big challenges which we were able to execute with a collective effort. I cherish being a part of those major revamps. In short, my career has been challenging and rewarding. I have put in my best and have been rewarded well."



His wife Rajeswari C V is a home-maker and they are blessed with a son, Jayakrishnan K who has completed MBA (HR) and is currently practicing music production and sound engineering in Kadavanthara. Krishnadasan has settled in Vandazhy, Palakkad but is presently staying at Choorakkad, Tripunithura. Post retirement he is open to catch up on life and try new things.

"I would be missing this great organization, the environment and ambience and most importantly my colleagues who are my best and close friends. I am confident that BPCL KR will keep growing and prospering. Thank You, BPCL KR for your, incredible love and support, and friendships.

JwalaDhwani wishes Mr.Krishnadasan and his family happy and healthy days ahead.

His Address :

Apartment no : 1B Mayura Arcade ,
Choorakkad, Thripunithura. 682301

(T) : 9349255907 (E) : krishnakurumali@gmail.com

Federation of Central Govt. SC/ST Employees

New Office bearers

The new office bearers of the Federation of Central Govt. SC/ST Employees (Kerala) Reg No. 4/77 were elected at the Annual General Body meeting of the BPCL- Kochi Refinery, branch on 20 February 2019. They have been elected for the period of 2019-2020.



Ravi K,
Projects PDP Dept.



Rejukumar N K,
OM & S Dept.



Manoj Kumar T S,
Finance Dept.



Muralidharan N M,
OM & S Dept



Muraleedharan N,
Maint. Dept.



Subramannian KP,
P&U Dept



Rajan MA,
MFG Dept



Trained minds, happy hands

Tell me and I forget, teach me and I may remember, involve me and I learn.

– Benjamin Franklin

The start of year 2019 was very fruitful for the technicians of Instrumentation Maintenance Department. Forty six instrument technicians were assigned for an outstation training at Mumbai and Pune. Emerson Mumbai hosted the training in Radar level transmitters covering one team of 14 members and Forbes Marshall Pune facilitated the training in Analyzers and Inline

flow transmitters for the other team of 32.

The sessions were extremely beneficial in upgrading the technical know-how of the technicians. Various line of products in the factory were demonstrated and each were explained in detail. The technicians shared their experience and issues faced when they handled similar products. Many of the issues were resolved and the foundation from principle were made strong. An uplift of

confidence was another take away from the sessions. Thus, in short, these sessions turned out to be myth busters and a real technical booster.

The training program was diligently planned and executed by DGM (Maintenance IS Zone B) Mr. Jayakumar I. and Manager (Maintenance IS Zone B) Mr. Prabhul P. The team extends sincere gratitude to GM (Maintenance) Mr. Ajith Kumar K. and DGM I/C (Maintenance) Mr. Giridharan S. for the valuable and necessary support. The team also expressed HR team for handling the training dates and travel services in a meticulous manner.

P&U Utilities celebrates second consecutive win

Team Utilities celebrate "ED's Award for the best energy performing area" received by IREP Utilities in SAKSHAM-2019 at the departmental get-together on 22 March. This is their second win, the first one being in 2014, when this award was institutionalized. The recognition is the natural outcome of enduring and enthusiastic

team effort towards excellence in energy performance by all sections of Utilities, amply supported by the counterparts in Maintenance – Mechanical & Instrumentation, Advisory services, Electrical, Process Engineering and Energy. The grand event became more special with the presence of Mr. PS Ramachandran, ED

(Projects), the Guest of Honour, Mr. Prasad K Panicker ED (KR)-I/C who delivered the key note address and Mr. MR Subramoni Iyer, CGM (Tech.). Mr. Mohanlal A, GM (P&U) presided over the function. A brief presentation on the performance of Utilities as well as events and achievement during the reviewing year were presented at the event.



SERVICE CITATION

35 Years



Umesan N V
OM&S

25 Years



Latha Kamath K P
HR

20 Years



Nair Sashi V Chandrasekhar
Petchem



Sunil K Antony
Tech - Energy



Manoj Kumar M N
Tech - Production Planning



Suji Paul
Projects



Mahesh Kumar B
Tech - Process Engineering



Lijumon Mathew
Manufacturing



Soji Varughese
Manufacturing



Shibu K L
OM&S



Sunil C P
Manufacturing



Raghu K



Bibinshad A A



Any Tom Antony K



Raj Kumar



Tousif Ahmed S K



Nithin K



Hari K K



Santu C K



Akhil K S



Nideesh P



Tammireddy
Charan Kumar



Rizwan P K



Arun T S



Midhun A V



Ansar M



Santosh Prasad



Akas Sures K



Rohtaas



Arunlal M K



Ranjith T P



Laukesh Kumar



Kevin Polster



Midhunsha K J



Manish Kumar

WELCOME TO KR

WELCOME TO KR



Lalu Prasad C K



Ujjawal Ujala



Sharon E S



Arjun R



Kannan K R



Sajid S



Rajesh Singh Bohra



Renjith V C



Sachin O H



Nali Balamurali



Rapeti Bhanu Kumar



Shyam Mohan L



Ajesh E



Bashisth Kumar Sahani



Pawan Kumar



Anjit Kumar



Aphroj Idreeshi



Ranjith B



Rajath R



Noorul Faiyaz



Renoy Paul



Hafis N



Rahul Ravi



Jithin George

D.G.M. (Project-Petchem)

Balagangadharan K

D.G.M. (Manufacturing)

Mahendiran A

D.G.M. (Shift Admn)

Vidyasagar R

Assistant Manager (Petchem)

Nishant Choubey

Management Trainee Petchem

Vemuri Kalki Venkata Subbarao
 Hadiya Vijay Rajubhai
 Limaye Amit Shrirang
 Abhishek Verma
 Abhimanyu Soni
 Sanjeev Pandey
 Akshay Pal
 Jacob Cherian P
 B V Dinesh
 Bubul Mani Baishya
 Aditya Singh
 Ankur Omprakash Pandey
 Neelesh Bhargava
 Mohit Borana

TRANSFERS



Elson Varghese



Arjun V P



Sreerag P



Arpan Majhi



Arjun V



Ajaykumar M



Ashutosh Mishra



Antony Poulouse



Chandrabhan



Syamkumar P



Rahul M P



Ramkumar A

WELCOME TO KR



Pushendra Giri



Banothu Narender



Aman Mishra



Abhinav Kumar Singh



Althaf P S



Sreerag N S



Akhil V



Dino Baiju



Jai Singh



Aman Raj K



Middela Surya Venkata Teja



Suneel Kumar



Sooraj Dinesh



Rahul



Manish Kumar



Doddi Mohan



Arun K M



Athulraj R



Manoj Kumar Chaudhary



Suman Raj



Pentakota Hari Sankar



Abhinrag C



Adarsh Bheem Raj V S



Sathlaj K



Pyla Kishore



Dharmarajula Kartheek



Sonu Kumar Maurya



Vivek Maurya



Gone Sai Kiran



Krishna Kumar K S



Bandaru Mahesh



Buddha Vara Prasad

SUPERANNUATION



Mr. Ramachandran P S, Executive Director (Projects) is retiring from service this month. He joined Kochi Refinery in the Maintenance Department in 1983.



Mr. Anandamani P, HV Driver VI in the Maintenance Department is retiring this month. He joined Kochi Refinery in the same department in 1988.



Mr. Vasantharan K, who joined Kochi Refinery in the HR Security Department in 1999 is retiring from the OM&S Department this month.



Mr. Tomy Thomas who joined Kochi Refinery in the HR Security Department in 1999 is retiring from the OM&S Department this month.



Mr. Vasantha Kumar R, who joined Kochi Refinery in the HR Security Department in 1999 is retiring from the OM&S Department this month.



OBITUARY

We deeply mourn the sad demise of **Mr. K Ramakrishna Pillai** (K R Pillai) who passed away on 16 March 2019. He was 78 years old and he had retired from the services of Kochi Refinery from P&CS Department in 2001. He is survived by his wife Mrs. Santhakumari Amma P and children Dr. Beena R Pillai and Vivekanadan R.



We deeply mourn the sad demise of **Mr. T Narayanan** who passed away on 21 March 2019. He had retired from the services of Kochi Refinery from the Maintenance Department in 2007. He is survived by his wife Mrs. Prakashini T and two children.



We deeply mourn the sad demise of **Mr. T. M. John**, 97 years who passed away at Navi Mumbai on 18 March 2019. Mr. John had served erstwhile KRL from 1966 to 1980 in the Security Department. Prior to joining the Refinery, he had served the Armed Forces from 1942 to 1966 in the Sappers Division of Bengal Engineers Group Corps of Engineers. He had received War Medal 1939–1945 and the 1939–1945 Star for service in the Second World War; and the Burma Star amongst many other medals for his military services. Mr. John is survived by daughter Lt Col (Mrs.) Joymol John (Retired, Indian Defence Forces, Delhi) and son Mr. Joji John, Dy. General Manager, Oil & Natural Gas Corporation Limited, Mumbai (both Alumni of Cochin Refineries School, Ambalamugal).

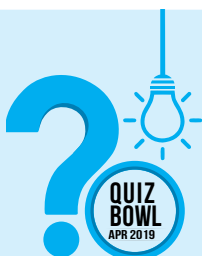


We deeply mourn the sad demise of **Mr. Gopalakrishnan Achari T V** who passed away on 22 March 2019. He had retired from the services of Kochi Refinery from the OM&S Department in 2006. He is survived by his wife Thankam and children.



CONDOLENCE

Ms. Durgapriya / P&CS on the sad demise of her mother and father



Quiz Master: **S. Parameswer** (HR)

Send your entries to Mr. SP Quiz Bowl, Jwaladhvani desk, BPCL Kochi Refinery, before 25.04.2019



- Identify this logo
Clue : _ A _ _ H _ _ U _ _ N (2 words)
- What does Section 33(7) of the Representation of People states ?
- What is ANEURYSM in Medical parlance ?
- Who is the Indian Gymnast who has been chosen as Barbie Role Model by US-based toy maker Mattel Inc.
- MSTC Ltd. is a Public Sector e-auction company. Expand MSTC

6. Find out the missing no.

Options
a.35 b. 45 c. 55 d. 65

9	12	8
6	7	3
45	95	?

- What is the meaning of "Tassel" ?
- Where is the World capital of YOGA(Location, Dist.&State)
- What is ingredient branding in Marketing ?
- Who is a Grey-Collar worker ?

Answers to QB-March-2019 :

- LEXUS
- Section 66 of the Factories Act, 1948 prohibits employment of women in factories between 7.00 P.M. and 6.00 A.M.
- Balance For Better
- Solatium
- Vande Bharat Exp.
- Limit the forwards to 5 contacts per message
- Sudden severe turbulence occurring in cloudless regions that causes violent buffeting of aircraft
- "The Runway to a Billion Opportunities"
- "Common User Terminal Equipment". Airlines are charging 'CUTE' fee -for using the central reservation facilities
- To commemorate the visit of King George V and Queen Mary to Mumbai
- Ambati Rayudu
- Xerox

Winner of QB-March-2019 : Suraj S/Maint.



Janaagraha Civic Learning Project

To encourage active citizenship among young school children, BPCL is supporting the NGO BalaJanaagraha to conduct Janaagraha project in ten government and aided schools in and around Ambalamugal and Vypin area.

The Kochi City Level Fest was conducted on the 2 February, 2019 at Women's Association Hall, Ernakulam. Through the Fest students showcased their projects based on Active Citizenship theme and shared their learnings and experiences of going through Janaagraha's Civic Learning programme. Two teams have been selected to represent the All India competition to be held in Bangalore.

As part of the Civic Learning programme, students went through modules on active citizenship and undertook a practical and experiential project activity on social,

environmental and civic issues that affects them and their community. They met several stakeholders in the process and interacted with local civic authorities and agencies in the process.

Over 100 students from 10 schools presented their projects and showcased various working models connected with this. The students shared their experiences and performed cultural programs based on active citizenship. Each schools selected different issues and presented remedies on : Plastic, Waste, Drug addiction, road safety, Global warming, Protection of water bodies, activities undertaken during and after the great Kerala floods, and so on. Further to the Kochi fest, two teams represented the all India fest held at Bangalore.

Mrs Sreekumari Menon, President, Ernakulam Women's Association and Mrs Ancy Johnson, Manager (PR & LW), BPCL KR gave away the awards to the participants.



A touch of love to Bethlahem Abhaya Bhavan

With baskets full of provisions and other household articles, CRS students set out on a unique mission on 7 March 2019. It was a visit to Bethlahem Abhaya Bhavan, a charity home in Ernakulam established in 1998 with just 5 residents and today, a shelter to over 300 lost and abandoned, most of them elderly and few mentally ill.

It was more than a learning experience for the students of Std

XI, who visited this home for the destitute with Mr. Shine P Jose, Mrs. B.Anju, Mr. P.Jayakrishnan and Mrs. Deepthi.

The students distributed the gifts and provisions and also performed light programmes to entertain the inmates. As one of the inmates shared, "the kindest gift the children carried for us was the touch of love in the little time they spent with us."





Two beloved teachers bid farwell

Father George and Mrs. Minna Kareem have been an integral part of Cochin Refineries School. Fondly known as, Father George always motivated students to think out of the box. Physics Teacher, Mrs. Minna Kareem, has carved a niche for herself in the Science Department and is loved for her unrestrained enthusiasm and ability to inspire students to go

beyond the realm of classroom learning.

CR School management team, led by School Board Chairman, Mr. Jayesh Shah, ED(HR) hosted a special function to bid adieu to the two beloved teachers. Principal Mrs. Mala B. Menon felicitated. Maths teacher Mrs. Anice George and Physics teacher Mr C.Satish and Mrs. Vilma expressed goodwill on

behalf of CRS colleagues. Mr. Shah presented mementoes to Father George Kurian and Mrs. Minna Kareem for their commendable service for 28 and 26 year's respectively. Both of them shared their fond memories about the school and expressed their gratitude for their enriching and fruitful journey at CRS where several batches of students made their mission memorable year after year.

Winner of Safety Essay contest for children

Hindi



Malayalam



English



Safety poster winners and posters on page 43

मदद के हाथ

सोमन और सुमा की इकलौती बेटा थी सौम्या। जन्म से ही अंधी थी। अपनी बेटा की आँखों में रोशनी लाने के लिए सोमन और सुमा ने उसका बहुत इलाज किया। देश भर के डाक्टरों से मिले, पूजा-पाठ किए, लेकिन सब निष्फल रहा।

सौम्या के माता-पिता ने तो उनसे जो हो सकता, वह किया, उसे अच्छी सी शिक्षा दी, उसे दूसरे बच्चों के साथ मिल जुल कर खेलने, पढ़ने और बात करने का मौका बना दिया। सौम्या अपने माता-पिता के प्यार के बंधन में सुरक्षित थी, खुश थी। उनके प्यार ने सौम्या में आत्म विश्वास और सकारात्मक भावनाएं भर दिया, जिसके सहारे वह दुनिया की राहों में आगे बढ़ी।

ऐसे ही साल बीत गए। सौम्या बड़ी हो गई। बड़ी होती वह अपने माता-पिता के प्यार में आश्रित होने पर भी असमर्थ लोगों के प्रति बाहर की दुनिया का भेदभाव, असामाजिकता और तिरस्कारपूर्ण भावनाओं से दंग रह गयी। अंधे लोगों की कठिनाइयाँ, परेशानियाँ सब वह ठीक तरह से समझ गई। उसने अपने आप से वादा किया कि वह उनके जैसे अंधे लोगों की ज़िंदगी आसान बनाने के लिए कुछ न कुछ जरूर करेगी। इसी विचार से ब्रैली के माध्यम से वह काफी



पढाई करती थी।

उसे मालूम था कि उसके जैसे लोगों को वाल्किंग स्टिक को लेकर हमेशा चलना-फिरना एक बड़ी मुसीबत है। इसलिए सौम्या ने यह तय किया कि बिना वाल्किंग स्टिक या दूसरे लोगों के सहारे अंधे लोगों को चलने के लिए एक उपाय सोच निकालने की पूरी कोशिश करूँगी।

सौम्या के लंबी अवधि तक दिन रात के कठिन प्रयास से उसका सपना सच्चा हुआ। उसे ने ऐसा एक टार्च बनाया, जिसके इस्तेमाल से आगे की जो भी रुकावटें हैं उसे पहचान सकेंगे। यह टार्च, कंपनी के सिद्धांत के आधार पर काम करता था। उस टार्च को सौम्या ने नाम दिया, 'स्वाधीनता टार्च'। यह टार्च बहुत हिट हुआ। आँखों की रोशनी विहीन लोगों को यह टार्च रोशनी प्रदान करता रहा। अंधे लोगों के बीच इसका पूरा स्वागत हुआ। वे वाल्किंग स्टिक की

मुसीबत से हमेशा के लिए छुट गए।

सौम्या ने इस टार्च से प्राप्त सभी आमदनी भी अंधे लोगों की सहायता के लिए दान करने का इरादा किया। ऐसे जन सेवा के लिए उसने अपना पूरा जीवन समर्पित किया।

कोई भी तकलीफ़ ज़िंदगी में आए, उसे धीरता से सामना करके आगे बढ़ने का मिसाल और प्रेरणा बनी सौम्या। उसने संसार को सिखा दिया कि हमारी ज़िंदगी, दूसरों के जीवन सुधारने में काम आनी चाहिए। हम सब इंसान हाथ में हाथ मिलाकर, हमदर्दी से आगे बढ़े तो दुनिया में प्रगति और शांति फैल जाएगी। यह धरती, खुशी का खजाना बन जाएगी।



एन्टनी सोलमण/
एचआर

दोस्ती



जीना सबको है यहाँ, मरना भी है यहाँ पर ज़िंदगी में होता है फर्क
अपनों से, अपने दोस्तों से,
अपनाए गए विकल्पों से !

दोस्ती से मिलता प्यार, अपनापन
बिना प्यार के जीना नामुमकिन
दोस्ती से बड़ा धन
संसार में न कोई ।

झगड़े, दंगा, लूट मार होता यहाँ,
हर दिन मरता इंसान यहाँ,
दुख भी यहाँ, सुख भी यहाँ,
रोज़ गुज़रते हैं समस्याओं से यहाँ

दुख में साथ देना,
सुख में साथ देना
हर दोस्त से उम्मीद यही
इस दोस्ती से बड़ा पुरस्कार न कोई ।

दोस्ती एक मूल मंत्र है,
एक ऐसा हीरा है
इसका मूल्य समझ पाए कोई
ज़िंदगी में सफल हो जाएं वही



मोहम्मद अज़हरुद्दीन/
अनुरक्षण विभाग

പരിവേഷങ്ങളില്ലാതെ സതീശൻ

ആലപ്പുഴ ജില്ലയിലെ ചേർത്തല, കുത്തിയതോട് സ്വദേശിയായ സി. എസ്. എന്ന സി സതീശൻ 1986 സെപ്റ്റംബർ ഒന്നിനാണ് സി.ആർ. എല്ലിലെ അഡ്മിൻ വിഭാഗത്തിൽ ജോലിയിൽ പ്രവേശിച്ചത്. പിന്നീട് OM&S ൽ വിവിധ സെക്ഷനുകളിൽ മുപ്പത്തിമൂന്നര വർഷം ജോലി ചെയ്തതിനു ശേഷം തന്റെ ഔദ്യോഗിക സേവനത്തിൽനിന്നും വിരമിക്കുകയാണ്.

ഭാര്യ ശ്രീമതി ഗീത വിട്ടമ്മയാണ്. രണ്ടു മക്കളിൽ മുത്തയാൾ സംഗീത് B.Tech പഠനത്തിനുശേഷം ദുബായിൽ ജോലി ചെയ്യുന്നു. ഇളയ മകൾ സൻസ ബാംഗ്ലൂർ NIFT ലെ B Def പഠനത്തിനു ശേഷം ബാംഗ്ലൂരിൽ ടെക്സ്റ്റയിൽ ഇൻഡസ്ട്രിയിൽ ഡിസൈനർ ആയി ജോലി ചെയ്യുന്നു. കുട്ടികളുടെ മികച്ച വിദ്യാഭ്യാസത്തിനും മറ്റും വഴിയൊരുക്കിയത് CR School ഉം റിഫൈനറിയും ആണെന്നുള്ള കാര്യം നന്ദിയോടെ സി. എസ്. ഓർക്കുന്നു.

ശ്രീ. സി. സതീശൻ കമ്പനിയിലെ പൊതു കാര്യങ്ങളിലെല്ലാം തന്നെ തന്റെ സാന്നിധ്യം ആദ്യകാലം മുതൽ അവസാന നാൾ വരെ



പ്രകടമാക്കിയിട്ടുണ്ട്. Credit Society, KR Club മുതലായവ കൂടാതെ Trade Union ലും SC/ST Federation ന്റെ പ്രവർത്തനങ്ങളിലും നിരസാന്നിധ്യമായിരുന്നു. തന്റെ ജീവിതത്തിൽ കൈവരിച്ച എല്ലാ നേട്ടങ്ങൾക്കും BPCL നോടും തന്റെ സഹപ്രവർത്തകരോടും നിറഞ്ഞ മനസ്സോടെ കടപ്പെട്ടിരിക്കുന്നു എന്ന കാര്യം സതീശൻ എടുത്തു പറയുന്നു.

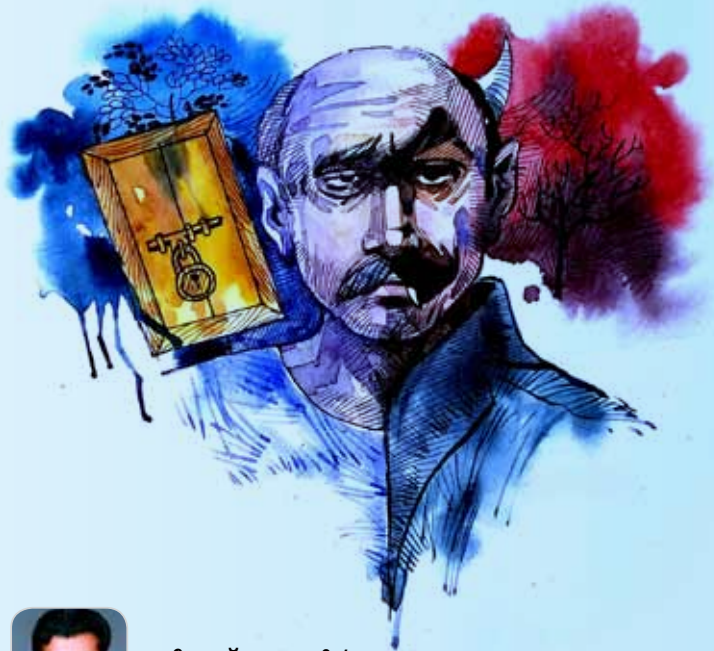
ജോലിയിൽനിന്നും വിരമിച്ച ശേഷം കുടുംബ കാര്യങ്ങളിലും പൊതുപ്രവർത്തനങ്ങളിലും ശ്രദ്ധ കേന്ദ്രീകരിച്ച് പ്രവർത്തിക്കാൻ ആണ് താൽപര്യപ്പെടുന്നത്.

അദ്ദേഹത്തിന്റെ മേൽവിലാസം:
സി. സതീശൻ, സംഗീത്, 11/57,
സെന്റ് പീറ്റേഴ്സ് ചർച്ച് റോഡ്, തിരുവാങ്കുളം,
കടുംഗമംഗലം,
Mob: 9446317419
E-mail: chellappansathe@gmail.com



തനിയാവർത്തനം

ഗ്രീഷ്മാസിൽ നോക്കിയാൽ വികൃതമാം രൂപം ആടിത്തിമിർക്കുന്നു. ആർത്തട്ടഹസിക്കുന്നു. അപ്രിയ സത്യങ്ങൾ വിളിച്ചു പറഞ്ഞിടുമ്പോൾ അഭിപ്രായ സ്വാതന്ത്ര്യത്തിൻ ചിറകുകളരിയുന്നു. വാക്കിലും കണ്ണിലും തീഗോളം പടർത്തി പകയ്ക്കും പ്രതികാരത്തിനും വഴിതെളിയിച്ചീടുന്നു. സ്വന്തം പ്രവൃത്തികളെ മഹത്വൽക്കരിച്ചീടുവാൻ മാനവർക്കിടയിൽ വിടവുകൾ തീർത്തിട്ട് വെറുപ്പിന്റെ നീതിശാസ്ത്രം ഉയർത്തിപ്പിടിച്ച് ദുരിതക്കണ്ണീർ കയത്തിൽ തളളിയിടുന്നു. അവനവന്റെ ചെയ്തികൾ അതിർവരമ്പ് കടക്കുമ്പോൾ തിരിഞ്ഞുകൊത്തീടുന്നു, മുമ്പോട്ടുള്ള കാലത്തിൽ. കുറ്റബോധത്താൽ നീറീടുമ്പോഴും; കൊടിയ പാപത്തിൻ ശിക്ഷ അനുഭവിച്ചീടുമ്പോഴും തിരുത്തിയെഴുതിടാൻ സമയം തന്നീടാതെ ആയുസിൻ വാതായനങ്ങൾ കൊട്ടിയടക്കുന്നു.



ശ്രീനാഥ് കെ. വി./
പി ആൻഡ് യു
(യൂട്ടിലിറ്റി)





കൊന്നമരം ഭ്രമവാ ഭിന്നിക്കൊന്ന

വിഷുവെന്നാൽ തുല്യമായ അവസ്ഥയോടുകൂടിയത്. വിഷുസംക്രാന്തി, മേടം ഒന്നാം തീയതി. രാത്രിയും പകലും തുല്യമായ ദിവസം. മഹാവിഷ്ണു നരസിംഹാവതാരമെടുത്ത് ഹിരണ്യകശ്യപുവിനെ കൊന്ന ദിവസം. പുരാതനമായ ഒരു ആചാരമാണ് വിഷു എടുക്കൽ. തറവാട്ടിലെ മുതിർന്ന കാരണവർ ചെറുമക്കൾക്ക് നെല്ല്, അരി മുതലായവ സമ്മാനിക്കുന്നു. അവരതു സ്വീകരിച്ചാൽ ആ വർഷം മുഴുവൻ അദ്ദേഹത്തിന്റെ കീഴിൽ ജോലി ചെയ്യണമെന്നാണു നീയമം.

വിഷു ദിവസം അതിരാവിലെ എഴുന്നേറ്റു കൂളിച്ച് നല്ലവസ്ത്രം ധരിച്ച് വീട്ടിലെ എല്ലാവരും കണിക്കാണണം. കണിക്ക് ഏറ്റവും പ്രാധാന്യം കണിക്കൊന്നയാണ്. കണിക്കൊന്നയ്ക്ക് ആ പ്രാധാന്യം വന്നതിനു പിന്നിൽ ഒരു കഥയുണ്ട്. ബാലിയും സുഗ്രീവനും ജ്യേഷ്ഠാനുജന്മാരാണ്. രണ്ടുപേരും ശത്രുക്കളായി. ബാലിയെ പേടിച്ച് സുഗ്രീവൻ ഋഷ്യമുകാചലത്തിൽ ശരണം പ്രാപിച്ചു (അയേം). ആ സമയം രാമനും ലക്ഷ്മണനും സീതാനേഷണത്തിനായി ആ വഴി വന്നു. തന്നെ കൊല്ലുന്നതിന് ബാലി ആളെ അയച്ചതായിരിക്കുന്നുമെന്ന് സുഗ്രീവൻ പേടിച്ചു. തന്നെ ബാലിയിൽനിന്നും രക്ഷിച്ചാൽ രാമനെ സഹായിക്കാമെന്ന് സുഗ്രീവൻ സമ്മതിച്ചു. രണ്ടുപേരും യുദ്ധത്തിനു തയ്യാറായി. അച്ഛൻ കൊടുത്ത മാല ബാലിയും അച്യുതൻ കൊടുത്ത മാല സുഗ്രീവനുമണിഞ്ഞ് യുദ്ധത്തിനൊരുങ്ങി. ബാലിയെ കൊല്ലുന്നതിനു തക്കം നോക്കി

ശ്രീരാമൻ വലിയ മരത്തിനു പുറകിൽ മറഞ്ഞുനിന്നു. അങ്ങനെ ഒളിയമ്പെയ്ത് ബാലിയെ കൊന്നു. മരത്തിനു പുറകിൽ മറഞ്ഞു നിന്ന് ബാലിയെ കൊന്നതു കാരണം കൊന്നമരമെന്ന് ആ മരത്തിനു പേര് വന്നു. അതിനുശേഷം എല്ലാവരും ആ മരത്തെ കൊന്ന മരമെന്ന് വിളിക്കാൻ തുടങ്ങി. മരത്തിനതു കേട്ട് സങ്കടം സഹിക്കാൻ കഴിഞ്ഞില്ല. മരം ശ്രീരാമനോടു ചെന്ന് സങ്കടം പറഞ്ഞു. “എല്ലാവർഷവും മേടം ഒന്നിനു വിഷു - രാത്രിയും പകലും തുല്യമായ ദിവസം - ഹിരണ്യകശ്യപുവിനെ മഹാവിഷ്ണു നരസിംഹാവതാരമെടുത്ത് കൊന്നദിവസം. സൂര്യൻ മീനം രാശിയിൽ നിന്നും മേടം രാശിയിലേക്ക് കടക്കുന്ന ദിവസം. അന്ന് എന്റെ വിഗ്രഹം കണിക്കാണുന്നവർക്ക് എല്ലാ ഐശ്വര്യവും വരും. അഷ്ടമംഗല്യത്തോടൊപ്പം നിന്റെ പൂവും വെക്കണം. അങ്ങനെ നിന്റെ കൊന്നമരം എന്ന പേരു മാറ്റി കണിക്കാണുന്ന കൊന്ന (കണിക്കൊന്ന) എന്നാക്കി മാറ്റാം.” മരത്തിനു സന്തോഷമായി. ആ ഓർമ്മയ്ക്കായി മലയാളികൾ കൊന്നപ്പൂ കണികണ്ട് കൈനീട്ടം വാങ്ങി പടക്കവും പൊട്ടിച്ചിട്ട് സദ്യയുമുണ്ട് ആഘോഷമാക്കി മാറ്റുന്നു. മലയാളി എവിടെയുണ്ടോ അവരെല്ലാം ഒത്തുകൂടി വർഷം മുഴുവൻ നല്ലതാവൻ പ്രാർത്ഥിക്കുന്നു.



സതി, ചെറുകാട്ടുപിഷാരം W/o എ പി ജയരാജൻ (റിട്ടയേർഡ്)

தமிழிலிருந்தே ... ஆங்கிலம் !



Navinraj S/
CM (Process Engg)

கொல் = kill (தமிழில் "கொ" வரும் இடத்தில் "K" ஆங்கிலத்தில் போட்டால் 100 English words வரும்)

"பொத்தல்"-லில் இருந்து பொத்தான் = Button.

உலகில் உள்ள, இருந்த அனைத்து மொழிகளிலும் தமிழ் மொழி இருக்கின்றது.

ஆங்கிலத்தில் 20% தமிழ் மொழி உள்ளது. ஆங்கிலத்தின் தாய் மொழியான லத்தீன், கிரேக்கம் ஆகியவற்றில் 50% தமிழ் மொழி உள்ளது.

செர்மனி, இலத்தீன், கிரேக்கத்தின் மற்றும் ஏனைய ஐரோப்பிய மொழிகளின் தாய்மொழி சமற்கிருதம்.

இந்த சமற்கிருதம் தமிழர் கண்ட எழுத்து மொழி:

"நிறைமொழி" மாந்தர் ஆணையில் கிளர்ந்த "மறைமொழி" தானே மந்திரம் என்ப -- என்கிறது தொல்காப்பியம்.

நிறைமொழி - தமிழ்
மறைமொழி - சமற்கிருதம்

சமற்+கிருதம் என்றால் செய்யப்பட்ட + மொழி. சம = சமை = செய். செய்யப்பட்ட = பக்குவப்படுத்தப்பட்ட

தமிழை இயற்கிருதம் என்றும் அழைத்தனர். இயற்+கிருதம் என்றால் இயற்கையான / இறை + மொழி.

சீனாவின் மண்டரீன், யூதர்களின் கீபுரு யூதர்களின் மற்றும் அரபி மொழிகளில் 65% தமிழ் மொழி உள்ளது .

கீபுருவின் தாய் மொழி அரமைட்.
அரபு மொழியின் தாய் மொழி zero-அரமைட்.
இரண்டிலும் 80% தமிழ் மொழி உள்ளது .

மொழி பிறந்த இடத்தில் 1000 வருடங்களுக்கு ஒரு முறை சிதையும். 1000 கி.மீ. தூரத்திற்கு ஒரு முறை மொழி உடையும்.

"ழ" உச்சரிப்பு தமிழ், மலையாளம், மண்டரீன் சீனா ஆகிய மூன்று மொழிகளில் மட்டுமே உள்ளது .

1500 வருடங்களுக்கு முன் தென்கு என்ற ஒரு தனி மொழி இல்லை! தாய் தமிழகத்தின் ஒரு பகுதியே இன்றைய தென்கு. "தெள்ளு தமிழ் பாடி தெளிவோனே" என்று முருகனை புகழ்கிறது

திருப்புகழ்.

1000 வருடங்களுக்கு முன் கன்னடம் என்ற ஒரு தனி மொழி இல்லை! தாய் தமிழகத்தின் ஒரு பகுதியே இன்றைய கன்னடம்.

1700 வருடங்களுக்கு முதல் மலையாளம் என்ற ஒரு மொழி இல்லை! தாய் தமிழகத்தின் ஒரு பகுதியே இன்றைய மலையாளம்.

அம்மா, அப்பா என்ற தமிழ் சொல் இன்று உலகில் உள்ள 200 மொழிகளில் உள்ளது .

தமிழில் மட்டும் தான் சொற்களுக்கு பொருள் வரும். கட்டுமரம் என்ற தமிழ் சொல் உலகில் உள்ள அனைத்து (7102) மொழிகளிலும் உள்ளது. மரத்தை கட்டுவதால் கட்டு மரம்.

தமிழ் மொழியில் உள்ள தொன்மையான நூல்களைப் போல வேறு எந்த மொழியிலும் இல்லை.

யூத இனத்தில் உள்ள தொன்மையான நூல் "தோரா". பழமையான தமிழல்லாத நூல்களில் இது ஒன்று மட்டுமே உள்ளது.

ஆனால், தமிழ் மொழியில் பல தொன்மையான நூல்கள் உள்ளன: திருக்குறள், தொல்காப்பியம், திருமந்திரம், பரிபாடல்.

மறைந்த திரு.கணபதி ஸ்தபதி அவர்கள் கூறுவார்: பேச்சுத் தமிழ், எழுத்துத் தமிழ் போல நம்மவரின் அறிவியல் மொழி சமற்கிருதம்.

அதற்கு இலக்கணம் செய்த பாணினி வாழ்ந்தது திருவொற்றியூரில் தான். அவரது பாணினியம் அரங்கேறியது அங்கிருக்கும் புற்றிடம் கொண்டார் - வடிவுடையம்மன் ஆலயத்தில். இதை வைத்து பார்க்கும் போதும், பாணினி தமிழராக இருக்க வேண்டும் அல்லது நம்மவரிடம் உதவிப் பெற்றவராக வேண்டும்.

ஆக, சமற்கிருதம் தமிழர் பெற்றெடுத்த அல்லது வளர்த்தக் குழந்தை.

உலக தமிழாராய்ச்சி நிறுவனம் ஒரு செய்தியை சில வருடங்களுக்கு முன்னர் வெளியிட்டது: ஆங்கிலேயன் அவன் மொழியை சரி செய்தது இங்கே வந்த பின் தான்.

ஆக, ஆங்கிலமும் நாம் சமைத்ததுதான்.



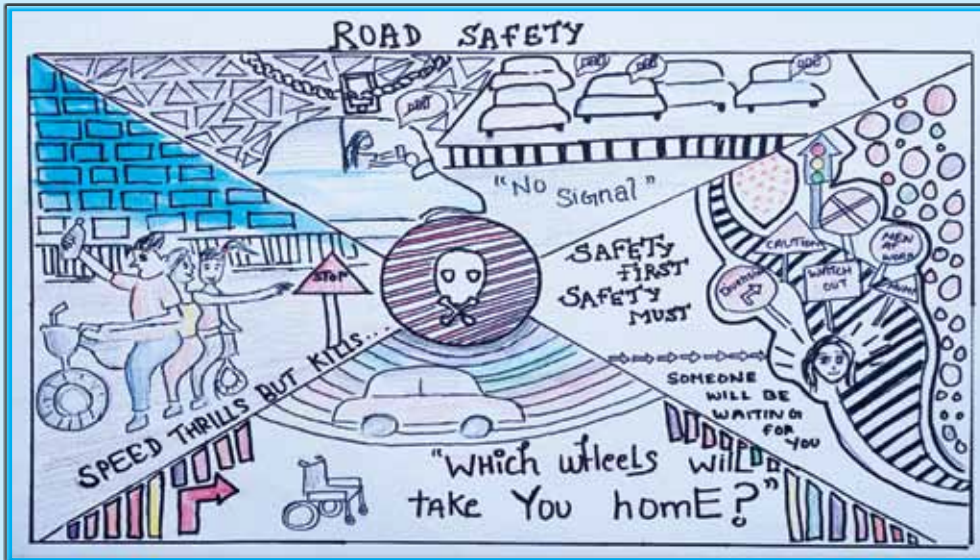


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