



## EDITORIAL

# WHERE IDEAS MATTER

## THINKING BIG FOR THE COMPANY

We have emphatically crossed six months of the FY 2023-24. The road map ahead is thus in better perspective for us, now that the half-year numbers are on the table. It is therefore that point in time for innovative approaches to ensure the pace is set for the final run. We are delighted to have a special message from our Executive Director where he calls to keep our spirits high!

Innovation is one of the key values upheld at BPCL. Something that finds a place at every turn. You never know when an idea strikes and how much difference we can make. We raise a toast to that spirit of free thought and active involvement by employees in enhancing ease of operations and savings for the company.

Kochi Refinery was delighted to host our Director (Marketing) and the Independent Directors of BPCL on their recent visits. This edition of *JwalaDhwani* is a quick read on the latest at the Refinery and also a look at the ideas that made a difference. Shoot out your ideas when ever it strikes. The *online suggestion scheme* is open round the year.

Warmly,  
Editor

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## Let's keep the spirit high!

Dear Colleague,

It is said that, every new day comes with new strength and new thoughts. And with every passing month, we inch painstakingly closer to the annual targets, with renewed energy and new strategies. As we complete the first half of the FY 2023-24, I invite you to pause for a while and appreciate a few iconic moments that we have charted as a team.

Together we clocked 81 million accident-free man-hours, which is 6471 days for employees on 18th September 2023. This is not just a toast to tradition, but also an acknowledgement of our passion for safety. Likewise, the PSM seminar that concluded in Sept 2023, also mirrors our continued commitment to safety and process safety as a wholesome responsibility of every refiner.

**On the production front**, a new product Heavy Oxo Alcohol (Packed) was added to our portfolio and the first truck was dispatched to customer M/s. Kimberlite Chemical on 14th July 2023. KR also crossed the milestone of dispatching 5 million metric tons of Petcoke with the 1511th rake dispatch on 23rd August 2023. Earlier, we recorded the highest ever Butyl acrylate production of 15732 TMT in June 2023 against the previous highest of 14956 MT in September 2022.

**On the distribution front**, while the KSPPL LPG line from KR to Palakkad was successfully commissioned on 22nd August 2023, the 1500th tanker berthed at SPM on 10 August 2023. Both significant signs of higher potential for sustainability and reliability.

**On the celebrations front**, we opened the season of winning, with the *Gold Medal in the National Awards for Manufacturing Competitiveness (NAMC 2022)* on 21st Apr'23. A recognition based on the assessment conducted by International Research Institute for Manufacturing. In June 2023, we went on to win the coveted *Refinery of the Year (Capacity more than 9 MMTPA)* award at *FIPI Oil & Gas Awards 2022* for excellence in performance during the year. A month later, we received the *National Awards for excellence in PSU* in the categories of Corporate Social Responsibility, Digital Initiatives and Environmental Sustainability, a recognition endorsed by Business Leader of the Year Award, World HRD Congress and Stars of Industry and academically partnered by Shree Chanakya Educational Society. Kudos once again to your commitment and passion in securing these accolades for the Refinery.

**Post the mega IREP turnaround** in 2022, we recently completed the turnarounds in the DHDS, VGO-HDS, SRU-1 (Train A&B), MSBP, DHDT and PDPP. Maintenance of the GT-3 is in progress. My compliments to the entire team for smooth facilitation of the shutdown activities. Likewise, let me sincerely appreciate the members from KR who have made invaluable contributions in the major shutdown that concluded at Bina Refinery last month and I also extend my best wishes to the team members from KR who have been chosen to support Mumbai Refinery in a similar journey this month.

**On the HR front**, we have opened several new learning initiatives with benchmarked programmes, both national and international, as well as customised internal programmes. Our target is to ensure that we bridge the knowledge gap for each role. The BPCL enterprise wide competence evaluation, which is a rigorous ritual for identifying our individual strengths and areas of improvement, is also due shortly. A lot of magic can happen when knowledge, technology, skill and resolve, combine to energise a master team!

I would also like to appreciate the active participation in the *Suggestion Scheme for Employees*, where we have received *par-excellent and excellent* suggestions, for system improvements contributing to immense savings for the company. Recently we felicitated the winning ideators of 2022 and the process is on for finding the winners of 2023. I must add that this is not only exciting for the ideators alone, but also very energising for the judging panel, as innovations are always inspiring.

I hope this inspirational year energises all of us in our pursuit to breaking more records. May the frenzy of the cricket world cup brush up our spirits, true to its anthem of *Dil Jashn Bole*. Yes, where the heart celebrates!

Let's keep up the great spirit!

Best wishes,  
ARS Bhandari

**A lot of magic can happen when knowledge, technology, skill and resolve, combine to energise a master team!**

**ABHAI RAJ SINGH  
BHANDARI  
EXECUTIVE DIRECTOR (KR)**



## BPCL INDEPENDENT DIRECTORS VISIT KOCHI REFINERY

It was a privilege for Team Kochi Refinery to host the Independent Directors on BPCL Board, on their first visit to Kochi Refinery. They were here as part of the Sub Committee Meetings of the BPCL Board in September 2023.

Independent Directors, Mr. Ghanshyam Sher, Mr. Pradeep Agrawal, Mr. Gopal K Agarwal, Dr. Sushma Agarwal and Dr. Aiswarya Biswal visited the Refinery on 12 September 2023. They had detailed discussions with the senior management and an in-depth tour of the Refinery. They also had a detailed study visit of the various Port Facilities for Petroleum Movement in Kochi and planted saplings at the KR eco-park.

Earlier, Mr. Abhai Raj Singh Bhandari, ED(KR) along with the Refinery Council cordially welcomed the Independent Directors.





## STUDY VISIT OF PARLIAMENT COMMITTEE ON PETITIONS

The Parliamentary Committee on Petitions under the leadership of Mr. Harish Dwivedi, Chairperson, held informal discussion with the representatives of BPCL, IOCL, HPCL and Ministry of Petroleum & Natural Gas along with Indian Strategic Petroleum Reserve Limited [ISPRIL] on the petition/representation regarding the urgent need for establishing additional Strategic Crude Oil & Petroleum Products Reserve in Southern India on 25 August 2023 at Kochi. The other MPs in the Parliamentary Committee who attended the meeting are Mr. P. Ravindhranath, Mr. Brijendra Singh, Mr. Sunil Kumar Singh and Mr. Rajan Baburao Vichare.

The BPCL contingent was led by Mr. Sanjay Khanna, Director (Refineries) who formally welcomed the dignitaries with the traditional Ponnada. Others in the contingent were Mr. Abhai Raj Singh Bhandari, ED (KR), Mr. Manoj Heda, ED (ITRM), Mr. Senthilkumar GR, CGM (Technology) and MR. George Thomas, GM (HR).

Mr. Raju Srivastava, Joint Secretary (Lok Sabha Secretariat) and Mr. Inder Jeet, Deputy Secretary (MoP&NG) were also present.



## DIRECTOR MARKETING VISITS KOCHI REFINERY



BPCL Director (Marketing) Mr. Sukhmal Jain, was in Kochi recently to understand the Kochi Refinery facilities and the advanced technologies in place for enhancing product availability and distribution system for Southern region.

Executive Director (Kochi Refinery) Mr. Abhai Raj Singh Bhandari and the members of the Refinery Council gave a warm reception to Director (Mktg) on his first visit to Kochi Refinery on 22 Sept 2023. Director (Marketing) was taken on a detailed tour to appreciate crude receipt, processing, product dispatch and storage facilities. Director (Mktg) further deliberated with the senior management team of KR along with the senior officials of Retail BU (Kerala). He was also given a hands on feel of the safety protocols within the Refinery. Director (Marketing) also visited the Irumpanam Installation and the LPG bottling facility at Amabalamugal on the same day.



## PROCESS SAFETY A FOUNDATION TO PLANT RELIABILITY

**Process Safety Management (PSM) is the enabler in setting new benchmarks in the field of Safety at the macro level by managing systems, processes, and behaviours at the micro level. It also strikes a good balance between processes and safety, leading to enhanced safety and productivity. Kochi Refinery hosted the 6th edition of the PSM seminar in Sept.**

BPCL Kochi Refinery organized the sixth edition of its one-day seminar on Process Safety Management (PSM) on September 28, 2023, at the MP Convention Centre in BPCL Township, Marine Drive, Kochi, Kerala. The seminar brought together experts in Process Safety, BPCL refiners, local industry members, and business partners. The seminar aimed to propagate the importance of PSM in ensuring a resilient Mechanical Integrity program, which in turn assures Plant Reliability and availability. The response and participation from BPCL group Refineries and other members were excellent.

The importance of the mechanical Integrity element, which accounts for about 70% of process safety incidents, requires close monitoring and updation. The theme of this seminar, **"Process Safety – A foundation to Plant reliability,"** was chosen keeping the above objectives in mind. The seminar introduced participants to new concepts, systems, and technologies in the field of Process Safety. It also served as a sharing platform for the free flow of information in this field.

Mr. Kishor Rungta, Chairman & Managing Director, Fertilizers and Chemicals Travancore Ltd inaugurated the seminar by lighting the ceremonial lamp in the presence of Mr. Abhai Raj Singh Bhandari, ED(KR), Mr. M R Subramoni Iyer, ED I/C (MR), Mr. Chacko M Jose, (ED), Mr. Sankar M, CGM (Ops)/c, Mr. Arun Kumar Das, CGM & Head(HSSE) Refineries, and Mr. M K Ramachandran, GM HSE I/C-KR. It was a memorable moment for Kochi Refinery when all three refineries' heads were present during the inauguration of the function. This also showed the top management's commitment towards the implementation of PSM elements in all three refineries.

Mr. Kishor Rungta mentioned the importance of PSM and congratulated Kochi Refinery for its successful implementation. Shri Subramani Iyer, in his keynote address, appreciated KR for setting a very high standard of safety in the refinery. He also commended the role played by Mr. MK Ramachandran, GM(HSE) i/c in initiating the journey of PSM, which has helped the refinery sustain a strong safety culture. The entire team applauded for Mr. Ramachandran who was also superannuating this month.

Mr. Abhai Raj Singh Bhandari, in his presidential address, stressed on the crucial role of various PSM elements in ensuring safety and plant reliability. He emphasized the importance of the IRIS element, which ensures that all plant-related deviations are captured, and strong root cause analysis and remediation could support the element to deliver the best results. He also highlighted Contract Safety Management as another focal area, considering the faster growth in the contract workforce.

Earlier, Mr. Sankar M welcomed the gathering. Mr. Chacko M Jose, ED(BR) and Mr. Arun Kumar Das, CGM(HSSE) both of who have been part of Kochi Refinery for several years prior, felicitated and both of them complimented KR for the Employee Participation in the sustaining the safety culture at the Refinery. The inaugural function concluded with Mr. M K Ramachandran proposing the vote of thanks.

Experts from M/s Chola Risk Services, TUV, Indian Institute of Madras, Air Products, CMRO, Corporate Strategy, and Kochi Refinery were the distinguished faculty at the seminar. Their presentations covered various aspects of the Mechanical Integrity element of the PSM framework and its application in the industry.

This seminar also gives a push to the Kochi Refinery PSM version 3.0 with the theme **"Sustaining Operational Excellence...Through PSM."** This would help the refinery set new benchmarks in the field of Process Safety and would also give it an opportunity to further streamline its processes, strike a good balance between processes and safety, and thereby enhance safety and productivity.

## SUGGESTION SCHEME 2023

GAME IN  
FOR PART-2

SUGGESTION INBOX OPEN FOR JULY-DECEMBER 2023

W I N B I G

CLICK HERE TO  
SEND NOW

## WHERE IDEAS MATTER

The KR Suggestion Scheme is a platform for employees to think big for our company. A scheme to encourage employees to put forward new and constructive suggestions which lead to operations excellence. The scheme covers areas related to enhancing productivity, safety, quality, cost optimization, improvement in operations and work procedures. Suggestions scheme excludes any matter that are covered under company policies, statutory provisions, personal grievance etc. This unique employee engagement scheme has been a platform for active participation since several years now. For ease of access, the suggestion scheme has been made available in the ONLINE SUGGESTION SCHEME portal, that is open to all cadres. The evaluation is done at 3 levels where nominated officials of the individual departments examine the accuracy and feasibility of the suggestion. The final evaluation is by a committee comprising of the HOD, Alternate HOD and the Head of HR who gives the final rating of Par Excellent, Excellent, Very Good, Good & Good but not Implementable.

## MEET THE WINNERS OF 2022

*Par Excellent!*HP steam reduction in BDT bottom  
reboiler by increasing BDT pressure

Blowdown system (BDT) plays a vital role during Vapor heating & cooling operations of the drum. During vapor heating & cooling, drum vapor comes to BDT. BDT O/H vapors are cooled through E-125 finfans (36 number) and collected in V-127. BDT bottom liquid is cooled through E-126 finfans (8 number) & used as internal reflux. E-125/126 fans operation is associated with an interlock. i.e at BDT inlet temp of 209 C, all the E-125/126 fin fans will be auto started and will run at 100% load. During day-to-day operations, it was observed that cooling load on E-125/126 majorly comes during cooling operation of the drum. i.e for 8-12 hrs in a day. The remaining time all the 44 fans were running with 100% load without any productive output.

Based on this context, a suggestion was made to provide an auto stop facility for E-125 fin fans. With current logic, we can take 24 number of E-125 & 4 number of E-126 fans into auto stop logic. So that whenever BDT i/l temp goes below 185C, all these 28 fans will be stopped automatically.

The suggestion was implemented during TA-2022 with the help of our own instrumentation team and without any additional investment. The implemented idea's benefits were checked during single and double train operations post TA-2022. At design charge of 480 TPH, 204 kwh of power was saved and 252 kwh during single train. Along with energy savings, maintenance activities like belt damage, pulley damage of E-125 finfans had been reduced due to reduced number of operational hours.

Dhanush P, Manager (Mfg-II) received the award comprising of Certificate and Cash award of Rs.5000, from Shri Abhai Raj Singh Bhandari, ED(KR) at the recent Management Committee Meeting. At the felicitation ceremony, he made a brief presentation of the benefits of this suggestion and also expressed his thanks to the Manufacturing - II team led by Mr. Vishwas Khobragade, GM(Mfg), Mr. Kamble RJ, DGM (Mfg), Mr. Ramesan PR, SM(Mfg) and the DCU team for support and encouragement from the start to finish. **Hearty Congrats to the winner of the PAR EXCELLENT Suggestion 2022.**


**DHANUSH PARSHA**  
MFG- II (DCU)

This suggestion gets the highest rating of Par Excellent from Manufacturing Department as it assures continuous savings of 0.9 Cr per annum for as per the calculations done by the Department



**HIMANSHU  
KUMAR  
GUPTA  
MFG-1**

## Providing pure Hydrogen connection in Booster Gas line to Cyclemax Reduction zone in CCR1 unit for faster start-up of Cyclemax section

*Excellent!*

**Suggestion :** In CCR1 unit, Cyclemax section (Catalyst circulation and regeneration) is normally started after 15 hours from unit feed cut in due to unavailability of Net Gas section and Reduction Gas Heaters. This offsetting of Cyclemax section in start-up results into higher coke laydown on CCR Catalyst, reduced yield and higher energy consumption and reduced CCR unit throughput post unit start-up in view of high coke on catalyst. Suggestion is identified on the line of new MSBP unit installed in Kochi Refinery. Similar to MSBP unit, suggestion was to provide pure Hydrogen connection in Booster Gas line to Reduction Zone. This tie up will provide continuous Booster gas to Reduction gas heaters even when Net Gas section is not online. Availability of Booster gas without net gas section is required to keep Cyclemax section ready for start-up. Hence, Cyclemax circulation can started immediately after Net Gas section is taken online.

**Benefit:** Overall benefit from the suggestion is faster start-up of Catalyst circulation and faster recovery of CCR capacity post unit shutdown. In total Cyclemax can be started after 5 hours from Unit feed cut in instead of 15 hours in previous condition.

Himanshu Kumar, Manager (Mfg) received the certificate and cash award of Rs.3000 for this EXCELLENT suggestion.



**PAVAN  
KUMAR R  
MFG-1**

## New line for fast Stabilisation of DHDS Stripper during start-up

*Excellent!*

**Suggestion :** During DHDS unit start-up the stripper steam cut-in is done at 220 OC stripper bottom temperature. The temperature is achieved by routing the Feed diesel through stripper to slop/off-spec and using DDE103 HP steam exchanger. Hence, presently there is no provision for making the stripper ready for steam cut-in before starting of DHDS feed pump which results in delay of approximately 2 hrs. in the unit start-up. A tie up can be provided from the unit total circulation line to DDE07 A/B/C/D inlet. We can use flushing oil (available at DDP05 A/B suction) for heating up the stripper for steam cut-in instead of feed diesel and the same can be circulated through the stripper as shown in the figure. This will help us prepare the stripper for steam cut-in without starting the DHDS feed pump and will save us approximately 2 hrs. of start-up time.

**Benefits :** (1) Reduction in start-up time by 2 hrs. (2) Reduction in sloping and off spec quantities and (3) The suggestion can be implemented without shutdown of the unit

Pavan Kumar R, Manager (Mfg) received the certificate and cash award of Rs.3000 for this EXCELLENT suggestion.



**SOBHAN MA  
MFG**

## Flare loss Reduction in PFCCU

*Excellent!*

**Suggestion :** Propylene Recovery Unit ( PRU ) is the part of PFCCU where we make High purity Polymer Grade Propylene which is the feed stock for our PDPP units and many other Petrochemical applications. Propylene is one of our high demanding and high valued product. PRU contains lighter hydrocarbon fractions like Propane and Propylene. In PRU for any equipment hand over to maintenance we have to isolate , drain and depressurise that loop only to flare. These lighter fractions are not possible to drain to existing CBD system due to sudden temperature reduction during draining. Presently here we have another system called Low Temperature Blowdown Drum (LTBD) with a vapouriser to drain these PRU contents and will be vented to flare. The vapouriser is a heat exchanger which converts these liquid hydrocarbons to vapour using steam. By analyzing the data for the past 10 months we had flared about 276 Tonnes of Propylene during different maintenance activities of pumps and exchangers . By providing a tie up line with a control valve between LTBD vent line and Main Fractionator Distillate Drum we can recycle these valuable hydrocarbons to our process itself instead of flaring and can be recovered as Propylene and LPG. From Main Fractionator Distillate Drum these recycled gases will go through WGC (Wet Gas Compressor) and recovered as products.

**Benefits :** Reduce Hydrocarbon loss through flare, Recover valuable Hydrocarbons and reduce Emission and Pollution. The monetary benefit equivalent to lost opportunity cost of 1.46 crores is calculated for 276 Tonnes of Propylene which had flared for last 10 months.

Sobhan MA, Asst. Executive (Mfg) received the certificate and cash award of Rs.3000 for this EXCELLENT suggestion.



**RAVINDER  
SHAH  
SINGH  
MFG-1**

### To route naphtha from Penex Bleeder KOD to isomerate

*Excellent!*

**Suggestion (1) :** The catalyst of the Light Naphtha Paraffin Isomerization Unit, or Penex, in MS block is highly sensitive to moisture. To prevent any damage to the catalyst, the Penex unit employs two driers each for the feed naphtha and the Make up gas. The drier system consists of 22 Double Block and Bleed Valve assemblies. The bleed valves drain the line quantity between two block valves to the Bleeder KOD, which further drains to the CBD. The valves in the drier system are highly susceptible to passing issues due to presence of adsorbent dust. Any passing increases the amount of naphtha draining to bleeder KOD, thereby increasing the slopping amount from MSBP.

The naphtha in bleeder KOD is a mixture of Hydrotreated Light Naphtha and Isomerate, with quantity not exceeding 15 TPD. Currently, this naphtha stream is drained to CBD periodically, from where it is pumped out to the slop tanks, thereby degrading its value. Instead, the stream can be mixed with isomerate and absorbed in MS blend comfortably. This will not only reduce the slop generation from MSBP, but also increase the MS production. Furthermore, slop reduction will also aid in reducing the re-processing costs in CDU, NHT and Penex units.

Nearly 99% of slops generation from MSBP is from the Penex Bleeder KOD. By implementing this scheme, MSBP slops generation will be stopped almost entirely, making MSBP a ZERO SLOP UNIT

**Benefit:** The current bleed generation is around 1-2 MT/day. Implementing this scheme will help in savings of nearly Rs 1.2 crore/annum at this rate. However, prior experience in multiple refineries indicates that this quantity can increase up to 8 MT/day due to increase in drier valve passing. In that scenario, the scheme will help in cost savings of nearly Rs 4 crore/annum.

### To route naphtha from Penex Bleeder KOD to isomerate

*Excellent!*

**Suggestion (2) :** In the CCR-2 unit of MS Block, recovery of LPG from PSA Tail Gases is done by contacting the tail gases with the Reformate stream in the Absorber column. The LPG rich reformate stream then passes through a debutanizer column, where LPG and Fuel Gas are stripped off. The Debutanizer Off gas stream is routed to FG header and contains nearly 70 wt% LPG. The suggestion is to route Debutanizer Off-gas back to the Absorber columns so that the LPG present in the stream can be recovered. The flow of the Off-gas stream is around 1.6 TPH with nearly 70 wt% LPG content. This amounts to over 1.1 TPH of LPG which is being lost to Fuel Gas. Routing the off-gas stream to absorber can help in recovery of LPG, which will not only increase the LPG production, but will also aid in curtailing the intermittent Fuel Gas flaring due to excess production.

**Benefit:** Preliminary simulations carried out in Aspen Hysys indicate that by implementation of this scheme, over 500 kg/h of LPG can be recovered. Additionally, the LPG being produced from MSBP meets the Auto LPG spec, which further enhances the benefits of this scheme. An annual savings of nearly Rs 1.5 crore is envisaged from this scheme on account of increase in Auto LPG production by 500 kg/h.

Ravinder Shah Singh, Asst. Manager (Mfg) received the certificates and cash award of Rs.3000 each for these EXCELLENT suggestions.

OTHER PRIZES 2022

VERY GOOD : 28

GOOD : 50

GOOD BUT NOT IMPLEMENTABLE : 16

## AN OPEN PLATFORM ROUND THE YEAR

### EMPLOYEE SUGGESTIONS

130+ in 2022

170+ & counting in 2023.

Portal open for 2023

[Click to send now](#)

A fully inclusive platform, the Suggestion Scheme is open round the year. In the Suggestions Scheme 2022, we received a total of 134 Suggestions, of which 12 were received in the first half (01 Jan 2022 to 30 June 2022) and 122 were received in the second half (1 July 2022 to 31 Dec 2022). Prizes have been distributed for suggestions certified as Par Excellent, Excellent, Very Good and Good at separate felicitation ceremonies. The prizes include certificates and cash awards of Rs.5000, Rs.3000, Rs.1500 and Rs.500 for the ratings mentioned above, respectively.

Evaluation of the 170+ suggestions received during Jan to June 2023 is currently under closure. The platform is open for Suggestions 2023 up to December 2023 and will close on 31 Dec 2023. Employee suggestions are received on the **ONLINE SUGGESTION SCHEME PORTAL** only. This employee engagement initiative is coordinated by L&D, Kochi Refinery.



भारत पेट्रोलियम

Bharat Petroleum



## STUDENTS FROM TOP B-SCHOOL VISIT KOCHI REFINERY

In batches of 40, two groups of Management Students visited Kochi Refinery from the Xavier Institute of Management and Entrepreneurship on 15 & 22 September 2023 respectively. The students were given a comprehensive presentation on Kochi Refinery and a detailed tour and a quiz on BPCL as a Customer First company. The students were enthusiastic to know more about the role played by BPCL in nation building, the safety standards in the Refinery, the environment care initiatives and career opportunities. Facilitating the sessions were Mr. Krishnaprasad KC, SM(Process Engineering), Mr. K G Rajendra Prasad, Manager (Environment) and Ms.Kavitha Mathew, Manager (L&D).

### UP IN OCTOBER

## POWER BI & DIGITAL

BPCL has adopted digital transformation of its processes as one of the thrust areas for achieving business excellence. In line with this policy, Kochi Refinery has implemented several digital initiatives to optimise refinery processes.

The digital department has been driving these initiatives with the help of digital champions from different departments. To streamline the implementation of these initiatives a series of training programs are being opened up on digital applications, which in turn can improve the Refinery Performance. As a first step, a training on Microsoft Power BI was introduced, which is a powerful software for data analytics. Using this software we can develop customized dashboards and reports to facilitate prudent business decisions. It may be noted that such targeted training interventions can open up a wide horizon of opportunities in the digital space to the stakeholders for improving the refinery performance.

- 2-DAY MANAGERIAL EFFECTIVENESS WORKSHOP FOR MANAGERS
- 2-DAY WORKSHOP ON LEADERSHIP FOR PERSONAL TRANSFORMATION FOR NON MANAGEMENT STAFF
- STATUTORY TRAINING FOR SUPERVISORS AS PER SECTION 41 C(b) OF FACTORIES ACT

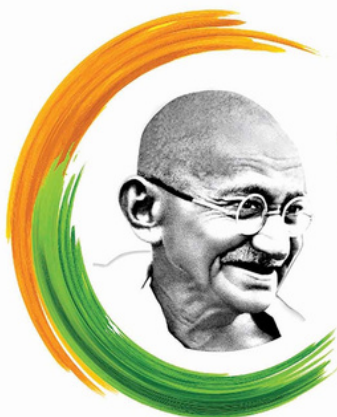
Power BI can help in customized dashboards and reports to facilitate prudent business decisions. It bridges the gap between data and decision making and supports in creating amazing data experiences. Other learning programmes on the digital front include, HYSIS, Aspen online, Advanced EXCEL, Chat GPT and Open AI.

As of Sept 2023, we have completed close to 1500 man-hours of training on Digital.

## KSPPL LPG PIPELINE (153 KM) COMMISSIONED

Kochi Salem Pipeline Private Limited (KSPPL- JV of IOCL and BPCL) who has been entrusted by PNGRB for laying first LPG pipeline in Kerala, has successfully commissioned the 153km long pipeline from Kochi Refinery to Receipt terminal at Palakkad. The commissioning of this pipeline has been a dream come true for KSPPL who has endured this mammoth task of laying pipeline in the challenging terrain of Kerala. The whole process of commissioning had made its headway under the exemplary guidance of Mr. K Narender Babu , CEO-KSPPL and R Ramya, CFO KSPPL, supported by the diligent team of KSPPL who had ensured safe and successful transportation and receipt of the LPG from Kochi to Palakkad enroute 14 no. of sectionalized valve stations.





# स्वच्छता ही सेवा

15 सितम्बर - 2 अक्टूबर 2023

कचरा मुक्त भारत

## GOOD HEALTH BEGINS AT SCHOOL

Over 34100 students in Ernakulam district are enjoying their first meal at school. Thanks to the CSR initiative of BPCL Kochi Refinery through which the **First Meal Project** is being extended to 176 Government and Government Aided schools. 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. This academic year, the project has been rolled out in schools in Vadavucode Puthencruz Grama Panchayat, Thiruvaniyoor Grama Panchayat, Elamkunnappuzha Grama Panchayat, Tripunithura Municipality, Ernakulam, Kalamassery and the coastal areas.

Earlier Mr. Abhai Raj Singh Bhandari, ED(KR) inaugurated the First meal project in a school in Kalamassery in the presence of Mr. Rajeeve, Hon'ble Minister for Law, Industries and Coir, GoK, Smt Honey Alexander, Deputy Director (Education), Ernakulam, Shri George Thomas, General Manager (HR). Together they also served the meal for the students to mark the inauguration. ED(KR) also launched the initiative in a subsequent programme at a Govt School in the coastal area of Kochi.

Majority of the students in the schools come from socially and economically backward families. It was seen that a large number of the students were not having breakfast before leaving to school due to financial constraints and other family reasons. Thus this has affected the health of the children and their studies. To curb this setback, BPCL alongwith the LSGDs/Education Department initiated the First Meal Project in nearby schools in 2017. Breakfast is prepared at school by the PTA, teachers or Kudambasree units based on a healthy menu.

The project has made a positive impact on the health of the students. The project has been significantly effective in ensuring better attendance, better academic performance due to high concentration levels and good eating habits



## WARM WELCOME TO OUR NEW OFFICERS



DEVENDAR KUMAR  
MEENA / MAINT



KULDEEP SINGH  
P&U-ELEC



SHUBHAM GIRI  
MFG



ABHISHEK SAINI  
OM&S



KEVINKUMAR  
DESAI / MFG

## SERVICE CITATIONS

35 years



NATARAJAN S  
PROJ - C&S

30 years



LATHA MENON P  
FINANCE

## HSE AWARDS 2023

# Near Miss Award Winners

for the month of August - 2023



Dilish Kumar S  
CDU-2- MFG 1



Clifford C D` Cruze  
CDU-2- MFG 1



Pribin Thomas  
PDO-PETCHEM



Nidheesh P  
PDA-PETCHEM

## ACHIEVER



ALAMGEER KHAN  
OM&S

Hearty congrats on winning the Individual assignment on the Field Exercises of the IMO Level 2 - Oil Pollution Preparedness, Response & Cooperation- at the programme jointly organised by the Indian Coast Guard and Arnet University. He has been certified as an On-Scene Commander (Tactical Level) at the week-long training at Chennai in August 2023.

*Happy Birthday*

COME WISH KOCHIREFINERS CELEBRATING THEIR SPECIAL DAY IN OCTOBER 2023. LOG ON TO KOCHI REFINERY [YOU-TUBE CHANNEL](#) TO VIEW THE TEAM MEMBERS CELEBRATING THEIR BIRTHDAY THIS MONTH.

## AT THE 19TH AISAN GAMES

Indian Senior Men's volleyball team has improved their rank to the 6th position at the 19th Asian Games 2022 held at Hangzhou, China. The team improved their position from 12 in the previous edition.

The battle was among 16 teams and in the preliminary pool stage Team India displayed sterling performance exhibiting talent and mental tenacity to defeat much higher ranked team like South Korea. In the pre quarter final victory against Chinese Taipei, the bronze medallist in previous Asian Games, Team India once again manifested its superiority and dominance in the games. Indian impressive run in the game in men's volleyball at Asian Games came to an end after a quarter final loss to Japan which holds 5th position in the world.



Indian Men's volleyball team was ably supported by Coach Mr. Jaideep Sarkar and Assistant coach Mr. Tom Joseph, Arjuna Awardee and Manager (Admn), Kochi Refinery.

## MKR BIDS FAREWELL

**MK Ramachandran, the Safety man of Kochi Refinery, bids farewell after a long stint of nearly 35 years. He is superannuating as General Manager (HSE) I/c with enviable personal and professional records in his most passionate area of Safety.**



“It’s been a great journey and having spent 34 plus years amidst all of you, I am at the verge of entering and embracing a new chapter in my life. At the outset, with deep gratitude and prayers I sincerely thank each and everyone who passed through my journey and for all those who wished well and shaped and influenced my career from 1988 to 2023. Even today I’m thrilled at the rich experience which I could gain in this great organization from the various Departments viz., Manufacturing, Oil Economics, International Trade, Supply Chain Optimization, Manufacturing Execution Systems, Production Planning, Process Engineering, Process Safety Management and HSE,” shared MKR in his farewell message recently.

MKR feels that the experience he had in Oil Economics Department, International Trade and Supply Chain Optimization really changed the outlook of the business as a whole. The implementation of *Process Safety Management* was another game changer in his career and he is immensely glad with the Management Commitment and the excellent team work towards the project implementation. “I cannot thank my friends in KR, MR and BR enough, and also our knowledge partners, consultants and all service associates for the excellent support throughout my career,” he said.

“In the latest AGM, our CMD has projected an investment plan of more than Rs.1.5 Lakh Crores for the organization and the Company is poised for tremendous growth and targeting Net Zero by 2040. It is a great honour to retire at a time when the company is at its glorious best and it gives me immense satisfaction that I also could be a small part of this great organization,” he said. As a parting note his only request to all the members of this great organization is that, “We as a team have reached glorious heights of safety standards by completing more than 81.0 Million Manhours without Lost Time Accident and it our responsibility to continue to ensure that our refinery is one of the best and safe place to work for all the stake holders. Let us rededicate to our safety commitment of “Safety First, Safety Must” in all aspects of work.”

MKR is married to Bindu C R an M.A, M.Phil in Hindi who is a Post Graduate High School teacher with Kendriya Vidyalaya. Their elder son, Rahul R Nair, B.E (Electrical & Electronics Engineer) and currently working as Asst, Manager with AGP Pratham, City Gas in Thiruvananthapuram. He is married to Shruthi Suresh who is an HR Professional in an IT Company. Their younger son, Ranjith R Nair, B.Tech (Electronics & Communication) working as Electrical Engineer with Honeywell in Bangalore. He is married to Kavitha Haridas who is an Electrical Engineer and currently pursuing her passion as Radio Jockey in Radio Mango 91.9 FM. Their daughter, Varsha Bharathi did here Fashion Designer from NIFT, Chennai and is managing her online boutique *De Tudor*. She is married to Sujit Nair who is an IT Professional and working as a Software Engineer with AGODA, Bangkok and both are currently staying in Bangkok.

MKR takes with him innumerable memories and wishes the very best to all the members of his organization to help let our company grow to greater heights with the continuing leadership. JwalaDhwani wishes MKR and his family very energetic, healthy and peaceful days in all the years ahead.

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### Bharat Petroleum Corporation Limited

सतर्कता जागरूकता सप्ताह-2023  
**Vigilance Awareness Week-2023**  
(30th October 2023 - 05th November 2023)

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**Say no to corruption; commit to the Nation**





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## ONAM FOR THE LITTLE ONES

In traditional attire and flowers of different hues, the KR students celebrated Onam on 28 August 2023. Chief Guest, HOD Science Ms Jayasree lit the traditional lamp along with Primary School HOD, Ms. Nalini. KR students presented a variety of programmes highlighting the culture and tradition of Kerala.



## ON TEACHER'S DAY

Headboy Sreekanth welcomed teachers to the special programme hosted by CR School students for the Teachers Day celebrations. The school had organized various programs and activities to make this day memorable for the teachers. The students put up a cultural show and organised fun games for the teachers. As the annual ritual, students donned the hats of Teachers for a day and took classes for the day. Service and Performance awards were also presented. Service awards were presented to Ms Jayashree L, Ms Rachel Thomas, Ms Nalini N, Mr Suresh Kumar C, Ms Anumol Antony, Mr Shine P Jose, Ms Srividya R and Ms Preethi Rajeev Excellence Awards were presented to Ms Preethy Jayaraj, Ms Sindhu S, Mr C Sathish Kumar, Mr Shine P Jose, Ms Anju B, Mr Suresh Kumar C, Mr Jayakrishnan P, Mr Nalini N, Ms Rachana Ravindran, Ms Vidya Venugopal, Ms Reby K B, Ms Reshmi S Pillai, Ms Vinitha Santosh, Ms Yamuna Varma, Ms Kumari Maya, Ms S Manju and Ms Ann Jackson Panakkal





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- Instrumentation Technology
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- Electronics and Instrumentation Engineering

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