



Bharat
Petroleum

energising lives

JWALADHWANI

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Energising Kochi Refinery



EDITORIAL

HAPPY & SAFE 2023

WELCOME A YEAR FULL OF PROMISES

Hearty congrats to Team Kochi Refinery on closing year 2022 in style with the *Best Productivity Performance Award* that was received on 31 December 2022. A day that will also remain in the special records of Kochi Refinery as we crossed another important milestone. We clocked 78 Million accident free man-hours on 31 December 2022. Both these records are very significant to us as we turn into the New Year, where we resolve once again to uphold every single promise for *Safety and Reliability*.

Indeed we are fortunate to have the special messages of Director (Refineries), BPCL and Executive Director (Kochi Refinery) in this New Year edition of *JwalaDhwani*.

Team *JwalaDhwani* is looking forward to another new year of active reporting to keep you informed, updated and entertained and we invite personal creations from all Refinery members. Please stay safe and enjoy a beautiful New Year with family and friends.

Wishing all of you the best of success, good health and a very safe and Happy 2023.

Warmly,
Editor

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Director (Refineries)

Happy
New Year

Dear Team KR,

As another New Year dawns, I would like to wish you and your dear ones, the very best of health and success. May the New Year enrich you as a person and a professional and bring you happiness in abundance.

The year 2022 was one filled with amazing moments for KR and we bid goodbye to that fulfilling year which gave us a rich and rare memory of one of the largest turnaround in the history of Indian PSU Refineries. The first of its kind turnaround of the Integrated Refinery Expansion Complex was achieved with an unsurpassable combination of excellent leadership, professional élan, advanced digital interventions and sincere team efforts of 12,000+ striving round the clock for 30 continuous days. The admiration received for Team KR from various fronts remains an inspiration for all at BPCL.

It is heartening to note that KR has made optimum use of the macro-economic factors in our favour, and reported a double digit GRM for the current year. My compliments on the highest ever GRM achieved by KR; doubled with the successful turnaround of IREP units reaping benefits in terms of improved efficiency and decrease in fuel and loss. The unique safety milestones crossed by KR has placed the Refinery on the top of every mind in the Industry. For the last 16 years we have been demonstrating very high safety standards and on the grand year end, 31 December 2022, we have improved the employees' record to 78 million-man hours without loss time accident.

I would further like to give full credit to the team for recording the highest ever total Petrochemicals production and sales records this year, thus living up to the mission and momentum of the Make in India initiative. Significant achievements like launch of Super Absorbent Polymer (SAP), implementation of Petchem Robotic Drum Filling Facility, new product movement channel and switching to local vendor for catalyst requirements are important choices that made a difference with tremendous returns for the niche Petchem journey. With both NABL (ISO-17025) Accreditation and REACH Compliance certification, that were received recently, we can boost customer confidence for these products in India and in European countries.

On the production front, our crude basket expanded to 105, with 2 new crudes from Libya, and West Texas. The augmented HTPL Pipeline Project has helped in reducing tanker loading time by 50%. The successful commissioning of the Benzene maximization scheme, brought us the highest ever Benzene production (5.5 TMT).

Happy
New Year

With stabilisation of IREP units and the implementation of various Energy conservation schemes, the cumulative Energy Intensity Index (EII) has been reduced by 3 units. This is a testimony to our commitment to sustainable living and reducing the environmental footprint.

Kudos to the APC implementation that is progressing well poised to give a cumulative benefit of Rs. 13.9 Crores/ Annum by virtue of fuel savings in IREP deaerator, MSBP complex and Aromatics unit. With the APC in the PDPP complex, we would be the first among BPCL group Refineries to have implemented it in a Petrochemical complex.

Other achievables we can soon be proud of in the nearest future include the 6 MW Solar Power Project, initiated as part of Net Zero Mission, the NHT-CCR Compressor Drive Change Project for EII improvement and the Polypropylene Project.

With unique CSR initiatives like mobile clinics and multi-specialty medical camps, extensive support for people with special needs and nutritional support for school children, KR ensured our social commitment responsibly throughout the year. Also, the exclusive accommodation facility arranged within refinery premises for contract work-force during the IREP turnaround ensured 360-degree safety and welfare of the workers and zero-disturbance to the community around; over and above the savings in time and cost on labour availability.

No doubt the collaborative contributions have scripted golden recognitions for team KR. A list that kept growing with the Refinery Performance Improvement Award for 2019-20 and 2021-22 from Centre For High Technology (MoP&NG); the award for the Best Energy Efficient Project under PAT from BEE (Ministry of Power) and CHT (MoP&NG); the FICCI Chemicals and Petrochemicals Award; the ET Energy World Product of the Year award for Petrochemicals; the Best Performance Award for reducing Energy Intensity Index (EII) and also the Best Refinery Award at the Bharat Petroleum Refinery Conclave 2022.

May the winning streak continue in the coming year as well with your continued commitment to Safety and Reliability. Let us also be mindful of the rising signs of the COVID menace across countries and deliver our duties at home and the work-place with great caution and care. My prayers and best wishes once again for a Grand New Year blessed with an abundance of Good Health, Love, Peace and Happiness.

Sanjay Khanna
Director (Refineries)

HAPPY New Year



ED (Kochi Refinery)

My dear Colleague,

Warm greetings of the New Year to you and your loved ones. May good health, prosperity and peace be with you throughout 2023, a brand new year of promise and immense possibilities.

2023 begins with a very unique milestone that we have crossed together. Achieving 78 million accident free man hours on 31 December 2022 is a great way to close an amazing year and open another amazing one. Over the years, as the Refinery capacity and complexity increased subsequent to the Integrated Refinery Expansion and the diversification into Petrochemicals, we turned our focus to process safety management (PSM). After improving our initial compliance score from 54% to 81% in three years, the focus is now on developing operational excellence. At the outset of the New Year, I invite each one of you to internalise our safety standards thoroughly and strengthen the Safety culture in our Refinery.

In 2022, we contributed exceptionally well for keeping our Refinery shining on all fronts – be it safety or operational excellence. We achieved the highest ever GRM and recorded the highest production and sales of Petrochemicals. Including 2 new crudes, we widened the crude basket with 105 types of crudes this year. Post the IREP turnaround, we improved our energy efficiency and recorded substantial decrease in fuel and loss. We are today capable of producing 25 TMT Diesel on a daily basis which is a dream come true for KR!

I would like to thank each one of you and your family members for the unstinting support for every milestone we crossed together in 2022. The most memorable one amongst that is the *IREP turnaround* which we completed with the remarkable collaboration of team KR and various stakeholders inside and outside the Refinery. Today it is with great pride that I express that our steadfast commitment is a benchmark in the Petroleum Industry; and for us, it is a great moment to cherish as Kochrefiners.

Major projects we are now looking forward to are the *Polypropylene Project*, for which the DFR has been submitted by the licensors; the *NHT CCR Compressor Drive Change project* for EII improvement; the second phase of the *HTPL Pipeline Project* and also the commissioning of the *6 MW Solar Power project*, which is a Net Zero project by KR.

We are in the process of an extensive facelift for the Refinery, not just visually, but also in ease of doing business. A total modernization of the network was launched recently for enhanced connectivity and digital solutions. Improved accommodation and rejuvenation facilities have been introduced for employees at the Marine Drive Complex and Vandipettah and we are shortly coming up with a *Digital Experience Centre* inside the Refinery. With the *Samvakthi* programme, we are connecting more often to understand the needs and aspirations on the shop-floor. After a long gap, we also revived many *people-centric initiatives* like the *Industry-Academia visits* and the *Retired Employees Meet*. From 2023, we are reactivating the *Discover Refinery Programme* to showcase our green and pro-digital Refinery to our family, as also to the youth of India. Through our CSR, we are continuing meaningful *life-saving* health care initiatives and also *life-making* educational initiatives through the Skill Development Institute (SDI). We are soon expanding the SDI to Ettumanur also.

Before I conclude, I would like to re-dedicate each and every recognition received in 2022 to the precious employees of Kochi Refinery. Congrats once again for the *Refinery Performance Improvement Award* for 2019-20 and 2021-22 from CHT, under the aegis of Ministry of Petroleum & Natural Gas, the *FICCI Chemicals and Petrochemicals Award*; the *ET Energy World Product of the Year award* for Petrochemicals; *KSPC-FACT MKK Nayar Memorial Best Performance Productivity Award (2020-21)*, and *Best Refinery Award* at the Bharat Petroleum Refinery Conclave 2022. It is said *talent wins games, but teamwork and intelligence win championships*.

Each award echoes our strengths, quality and reliability as a great team! This New Year, I wish my team Kochi Refinery, the magnificent spirit of oneness as we step into another fabulous year. Let us be ready to face any challenge, including the COVID, with hearts filled with unconditional love for the safety and prosperity of our company and our loved ones.

It is our unity that has made Kochi Refinery the shining jewel of our Nation. Our Refinery today is a melting pot of cultures with a supreme mix of energy from across different States of India. In the New Year, our concerted efforts will be in developing the core-strength of our team for sustaining the reliability of our Refinery with a clear focus on Petrochemicals, Renewables, Green-hydrogen, Decarbonization and Digital. Let us join hands to take our Refinery to greater heights, and stop not until we have every mission accomplished and every project, done!

Stay Safe, Healthy and Blessed!

Ajith Kumar K
Executive Director (Kochi Refinery)





KOCHI REFINERY WINS BEST PRODUCTIVITY PERFORMANCE AWARD 2021-22

Kochi Refinery closed the year 2022 with the BEST PRODUCTIVITY PERFORMANCE Award in Industry Category -1 (Turnover above 600 Crores). The KSPC-FACT MKK Nayar Memorial Productivity Award 2020-21 was presented by Mr. Kishor Rungta, Chairman & Managing Director FACT Ltd to Mr. Ajith Kumar K, Executive Director (Kochi Refinery) in the presence of Mr. Hari Kumar, C&MD TCC / Malabar Cements and Mr. George Sleeba, Chairman, Kerala State Productivity Council. Mr. Shajikumar MR, General Manager (Mfg) and Mr. Snehmoy Halder, DGM(Process Engineering) were also present from KR. Established in 1959, the Kerala State Productivity Council (KSPC) is an autonomous tripartite organization with representation from State Government, Industrial Management and Employees unions. The Council is recognized by the National Productivity Council, New Delhi and Asian Productivity Organization, Tokyo. The award ceremony was organised at the Productivity House in Kalamasserry, Kochi on 31 December 2022.

"GOOD MORNING ERNAKULAM"

'Good Morning Ernakulam', the First Meal Project supported by BPCL for the students of Govt. and Govt. aided schools in Ernakulam area inaugurated on Friday, 23rd December. Adv. M Anilkumar, Mayor of Kochi Municipal Corporation inaugurated the scheme in the presence of Hon'ble MLA of Ernakulam Mr. TJ Vinod where Television show fame Dr. Robin Radhakrishnan was the Chief Guest. Deputy Director of Education (Ernakulam) Ms. Honey Alexander, BPCL Kochi Refinery General Manager (PR & Admin) Mr. George Thomas, Cheranellur Grama Panchayat President Mr. KG Rajesh and Assistant Education Officer Mr. Satheesh Kumar were also present.

More than 7000 students of 38 schools in Ernakulam area will benefit out of this scheme. BPCL has also extended similar financial support to provide healthy breakfast for around 35000 students studying in various Govt. and Govt. Aided schools in another part of the Ernakulam District.



GREEN INVESTMENT & SUSTAINABILITY SUMMIT



Climate Change, Sustainability and Green Economy are key thoughts across the world and most countries are aligning their policies and actions towards climate change. India is also undergoing a paradigm shift where green investment is a critical enabler in achieving the country's ambitious decarbonization and sustainability goals.

Hon'ble Minister for Industries, Transport, Panchayat and Protocol, Government of Goa, Mauvin Godinho inaugurated the 2nd Green Investment & Sustainability Summit organised by the Associated Chambers of Commerce and Industry of India (ASSOCHAM) in Goa during 13,14 December 2022. Representing Bharat Petroleum Mr. Chacko M Jose, Chief General Manager-Operations, BPCL Kochi Refinery spoke about the possible interventions for managing climate change and highlighted BPCL's action plan to meet NET ZERO targets by 2040.



KOCHI REFINERY HOSTS 5TH PROCESS SAFETY SEMINAR

The continuous increase in the complexity of refinery process operations and introduction of petrochemicals, reminds Refiners to review process hazards in more depth. Kochi Refinery is endeavouring in this direction through its disciplined PSM framework. Process Safety Management (PSM) was introduced in Kochi Refinery in 2017 and the first Process Safety Seminar was organised in 2018. The fifth edition of the Process Safety Seminar focusing on “Process Safety – A way to Excellence in Hazard Management” was recently organised in Kochi on 16 Dec 2022.

This national PSM seminar brought together experts in Process Safety, BPCL refiners across the country, regional industry members, academia and business partners. The seminar was aimed at propagating process safety as a stimulant for Operational Excellence, Reliability, and Process Hazard Management. The response and participation from BPCL group Refineries mirrored the significance given to Process Safety across all levels.

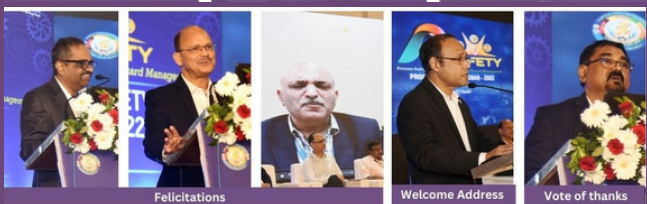


Inaugural Address

Keynote Address

Presidential Address

Director (Factories and Boilers, Govt of Kerala) Mr. P Pramod and BPCL Director (Refineries), Mr. Sanjay Khanna, jointly inaugurated the seminar by lighting the ceremonial lamp in the presence of dignitaries including Mr. Ajith kumar K, Executive Director (Kochi Refinery), Mr. M R Subramoni Iyer, Executive Director (Mumbai Refinery), Mr. Abhai Raj Singh Bhandari, CGM I/C (Bina Refinery), Mr. Chacko M Jose, CGM Operations (Kochi Refinery) and Mr. M K Ramachandran, GM (HSE I/C), Kochi Refinery.



Felicitations

Welcome Address

Vote of thanks

It was a memorable moment for Kochi Refinery as the Director (Refineries) and Heads of all three refineries made their presence at this national seminar and shared their views and vision for PSM. This top management commitment towards the implementation of PSM elements in all the three refineries is a great motivation for PSM and HSE members of all refineries.



In his inaugural address Mr. P Pramod, Director (F&B) congratulated Kochi Refinery for the successful implementation of PSM. He also stressed on the major changes in statutory rules and regulations after major process accidents in India and explained in detail about the various Occupation Safety Health management system and PSM regulations mandated by foreign governments in their countries. Further, he also shared that the Government of India is framing PSM regulations which will be implemented in industries after notifying the code. Mr. Pramod also launched the PSM Elements eLearning Module developed by M/s Chola MS Risk Services in association with the KR PSM team.

Shri. Sanjay Khanna, in his keynote address complimented Kochi Refinery for setting a very high standard in safety in Kochi Refinery and stated that, "PSM has helped the Refinery in establishing a strong safety culture and we have to give more focus on reliability for sustaining refinery margins and use digital tools extensively."

Shri. Ajith Kumar K in his presidential address briefed the gathering about the various systems and procedures developed as part of PSM implementation in the refinery and also shared that the Refinery is aiming for the excellent category by reaching 90% compliance audit score for PSM elements.

Earlier Shri. Chacko M Jose welcomed the chief guests, dignitaries, delegates, and speakers. Mr. M R Subramoni Iyer, Abhai Raj Singh Bhandari and Sanjeev Raina offered the felicitations and Shri. M K Ramachandran proposed the vote of thanks. Experts from M/s Chola MS Risk Services, Reliance Industries Limited, Nayara Energy Limited, Air Products, Mumbai Refinery, Bina refinery and Kochi Refinery were the speakers of the seminar. The presentations were eye openers and in-depth as they touched upon the PSM framework and its application in industry.

The sessions closed with a panel discussion with ED(KR), Mr. Ajith Kumar, CGM(Inspection) Mr. Rajasekhar K, Mr. Subbarao, CEO, M/s Chola MS Risk Services and Mr. YK Lodha, Group Head, Safety & Ops Risk, Reliance Industries Ltd. This seminar goes one step further in advancing the mission of PSM V.3.0 that revolves on the central theme of "Sustaining Operational Excellence.....Through PSM." It would also help Kochi Refinery in setting new benchmarks in the field of Process Safety and to further streamline processes, strike a good balance between processes and safety, thereby enhancing safety and productivity. The seminar that provided process engineers, safety engineers, asset integrity managers, process safety managers and heads of operations of refineries with rich insights into Process Safety Management was organised at the BPCL Marine Drive Complex and had close to 150 delegates. The seminar was organised by KR PSM team ably supported by PR & Admin, Kochi Refinery.

A short PSM AV on Safety in All that We Do was screened at the seminar. This AV which details of the PSM journey of Kochi Refinery has also received wide viewership on BPCL & KR Social Media (Youtube, Facebook and Twitter).



- [Watch the snapshot of PSM Seminar 2022](#)
- [Watch PSM Journey of Kochi Refinery : Safety in all that we do](#)



Experts in Session



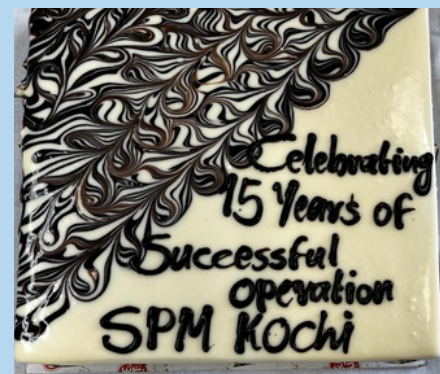
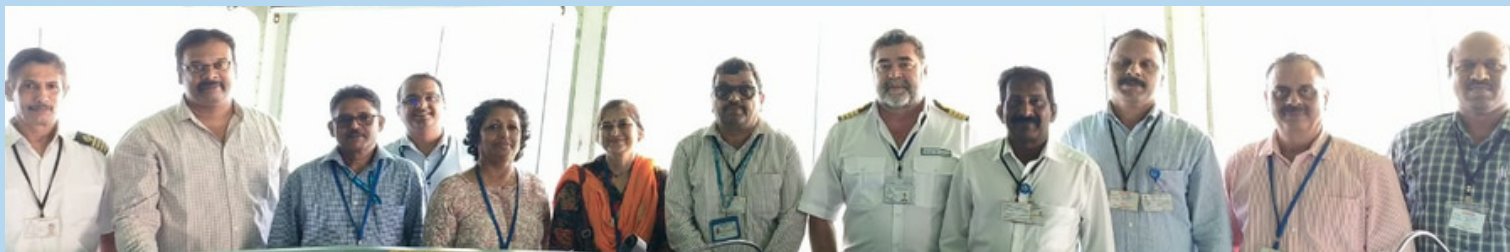


CELEBRATING 15 YEARS OF SPM OPERATIONS IN KOCHI

The Single Point Mooring (SPM) at Kochi completes 15 years of operations in the outer waters of the Arabian Sea. Commemorating the milestone crossed in SPM operations, Mr. Ajith Kumar K, Executive Director (Kochi Refinery) along with senior members of the Refinery Council and the SPM operations team visited the SPM. ED (Kochi Refinery) along with Captain of the tanker Habrut cut a cake to mark the occasion. With the Strategic Crude Oil receipt facilities consisting of Single Point Mooring (SPM) and associated shore tank farm in place since December 2007,

Kochi Refinery has been equipped to receive crude oil in Very Large Crude Carriers (VLCCs). The facility helps the refinery in reducing the freight charges to a great extent, over and above increasing flexibility in crude oil selection. In its 15 years of operations, the SPM has received 1404 tankers which includes 649 Suez Maxs and 305 VLCCs. Commissioned on 03 Dec 2007, the first Suez Max to be received was MT Ocean Sapphire with Arab Mix & Kuwaity parcels. The first VLCC, MT Star II arrived in January 2008 carrying Iranian Mix & Kuwaity parcels. From December 2007 to mid November 2022, the throughput of the SPM has been 180.043 MMT. The SPM is a major infrastructure facility for Refineries to accelerate future growth.

The SPM facilitates berthing or mooring of VLCC's which require very high draft of more than 20 meters for movement which is usually not available near the shore. This implies no lighterage of smaller vessels and hence reduces costing, including demurrages. The SPM serves as an instant port as they can be installed in high sea locations without construction of jetties. It also facilitates faster turnaround of vessels as there is no dredging required. The maximum discharge rate of VLCC's is usually above 10,000 KL/hr (unlike that of smaller vessels) which can be utilised to the Corporation's advantage. This thereby reduces unloading time and helps prevent traffic or tanker bunching.





NETWORK MODERNIZATION PROJECT INITIATED AT KOCHI REFINERY

Robust Communication with strong and scalable Networking solution / architecture platform is the vital backbone for leveraging the investment made in Information Technology and Digital Transformation in an organisation. Kochi Refinery has embarked on the journey of Network Modernisation and its Architecture to address the demands of its emerging business functions, customers and various digital initiatives envisaged in the upcoming months. The “Network Modernization project – Phase 2” initiated in Kochi Refinery is the cornerstone of KR’s IT infrastructure upgrade which will enable to achieve and realize the goal of the Digital Refinery. Mr. Ajith Kumar K, ED (KR) & Mr. Sanjay Mehrishi, CGM(IS) jointly commenced the “Initiation Ceremony of Network Modernization project” on 12 December 2022 held in the Integrated Control Room (DHDS), KR. Senior management team, CGM’s and GM’s from Operations, Maintenance, Technology, Inspection, Electrical, CPO, Utilities graced the occasion.

As part of this project, study was done, and a new campus LAN network was designed and architected for KR with highspeed network backbone connectivity and redundancy at all levels. Fibre Optics Cables are laid in Refinery-1 area covering around 10+ plant units viz CDU2, ARU, VGO-HDS, VGO-CCR, MSBP, NHT-CCR, PENEX, DHDS, Utility, Tank Farm, maintenance workshop, marketing location, LPG bottling plant, and the administrative building at KR.

Around 75 kms of Optical fiber cable laid will connect 90+ locations in a three-tier architecture mode. Business functions and End-users will benefit from uninterrupted IT network connectivity and 10x increased speed and seamless connectivity for conducting business operations with higher bandwidth. The Refinery campus is divided into 14 zones, with each zone receiving direct connectivity from the Primary Data Centre (located at the IT data center) and Near DR (located at MCR). Each zone is further connected to different sub-locations providing the connectivity to end-users.

The project was conceptualized, designed, architected & implemented by Mr. Rahul Sihara, Manager (Systems) & Mr. Abhimanyu Waghmare, Sr. Manager (Systems) under the leadership and guidance of Mr. Shrikumar D, DGM(IS) and support & vision of Mr. Sanjay Mehrishi, CGM(IS). This is a collaborative team effort, and we thank CPO, Electrical, HR-Estates, Maintenance, Instrumentation and Operations for their continuous support in executing this challenging project.





APPRECIATING VENDORS SUPPORT AT KOCHI REFINERY

Inaugurating the Vendor's Meet at Kochi Refinery, Executive Director Shri Ajith Kumar K, congratulated all the vendors for successful completion of the Mega IREP Turnaround. He also recounted projects like PDPP and MSBP that were successfully completed with their all-round support. Updating them on the various digital initiatives of BPCL that have been implemented to improve transparency and efficiency in procurement like the e-tendering portal and Digital Invoice Management System, he also encouraged the vendors to make use of the Government e-Marketplace (GeM) portal to expand their business in various other organizations.



The Vendor Meet was organized by CPO-Kochi Refinery in the first week of November 2022 where around 50 vendors participated, as part of the Vigilance Awareness Week. Mr. Theo Rajan, Head Procurement (CPO-KR) welcomed the gathering and emphasized the role of vendors as business partners of BPCL in the overall growth of the company. Shri. Suresh John, CGM (Refineries Projects Org) spoke about the importance 'Corruption Free India for a Developed Nation', the theme of the VAW 2022. He also explained the various precautions to be taken by vendors while tendering and during the executing stage of any job to ensure ethical practices, quality of job and timely completion. Mr. Sriram S, CGM (E&AS) spoke in details about the various procurement strategies of BPCL and wider scope available to vendors for doing business with BPCL. Mr. Himanshu Shah (DGM Vigilance) shared about Preventive Vigilance Sensitization wherein he emphasized on the importance of value system in organizational structure.

The BPEC team was represented by Ms. Asha G, DGM (Finance, BPEC) and Mr. Sunil Agarwal, CM (Finance, BPEC) who explained various workflows in digital invoice management system of BPCL. Also, Shri. Shyam George, Procurement Manager (KR) made a brief presentation highlighting various procurement processes being followed at BPCL. In the open session that followed, the vendors raised various queries related to gate entry, payments. The suggestions put forth by the participants to improve the processes were noted for consideration and future actions, wherever possible. Mr. Sunil Pandhare, Procurement Leader (CPO-KR), proposed the vote of thanks.



CONGRATS ON CROSSING YOUR CAREER MILESTONES



35 years



SREENATH V I
E&C



BANERJI P K
Maintenance

25 years



ANILKUMAR VD
OM&S



BINOY C. NEDUMPURAM / CPO



SUBHASH B
Manufacturing



AMBILY S IS



JOY P V
OM&S



RAJESH K P
E&C



REJI V P
Manufacturing



MUHAMMED K M
Manufacturing



BIJU POULOSE
Manufacturing



MANJULAL K K
Manufacturing



RAJESH E R
Petchem



SARIN R
Manufacturing



SHIJU P K
Manufacturing

SUPERANNUATION

BEST WISHES TO OUR COLLEAGUES SUPERANNUATING THIS MONTH



KRISHNAKUMAR C S
joined the organization in the S&OM Department in 1983 and is retiring from the same department this month



SANKAR SINGH R
joined the organization in the Maintenance Department in 1983 and is retiring from the same department this month



SUNIL B
joined the organization in the S&OM Department in 1983 and is retiring from the P&U department this month.



SUNNY A P
joined the organization in the P&A Department in 1984 and is retiring from the OM&S department this month



SURESH GEORGE
joined the organization in the Maintenance Department in 1986 and is retiring from the same department this month



SOMANATHAN T M
joined the organization in the Materials Department in 1987 and is retiring from the Maint dept this month

15 years



JOSEPH SHAISSON C S / Petchem



BALAN P P&U



CIJO M MADAVANA Petchem

COME WISH KOCHIREFINERS CELEBRATING THEIR SPECIAL DAY IN JANUARY 2023.

LOG ON TO KR SOCIAL MEDIA TO WISH OUR TEAM MATES DAILY ON FACEBOOK AND TWITTER. CLICK ON CAKE TO VIEW ON YOUTUBE



DRP

Discover Refinery Programme

In the New Year - 2023, we bring you a fresh new opportunity to discover Kochi Refinery with your family. DRP is a customised programme for BPCL employees and family members (spouse, children / grandchildren (above 05 years) parents, children-in-law and parents-in-law) only. All serving employees of Kochi Refinery and BPCL Business Units in Kochi can avail the facility. The visit will be organised for a team of min 20 and max 40 members only. The programme includes plant visit and presentations. The first DRP in 2023 is scheduled on 14 January 2023.

It is mandatory for the employee to accompany his/her family members. Participating employees have to adjust their work schedules accordingly while planning for the programme and will not be assigned separate time-outs. DRP will be organised only on second Saturday of each month.

Reservations : As seats are limited, reservations will be on first come first serve basis only. The DRP reservation form can be downloaded from the DRP Portal on KR Intralink and has to be submitted to PR Dept with Line Manager concurrence by hand or email to z_kr_hradmin@bharatpetroleum.in on or before 3:00pm of the 5th of every month. Participant details will be published on DRP Portal on KR Intralink on 7th of each month. In case of programme cancellation or rescheduling, the information will be announced in the DRP portal and email will be sent to participating members. Likewise, cancellation by participants have to be informed in advance to Public Relations, to extend the opportunity to others. For enquiries please mail to kavithamathew@bharatpetroleum.in.



78 मिल्यन दुर्घटना रहित श्रमघंटे
MILLION accident-free man-hours

कोचरिफ़ाइनरी को बधाइयाँ !
Congratulations Kochrefiners !

हमने मिलकर 31 दिसंबर 2022 को यह मीलपत्थर प्राप्त किया है
Together we achieved this milestone on 31th December 2022

സുരക്ഷ പ്രഥമം-സുരക്ഷ അനിവാര്യം सुरक्षा सर्वप्रथम - सुरक्षा हरकदम Safety First - Safety Must

Bharat Petroleum
energising lives



MEHRISHI FROM IS BIDS FAREWELL

Sanjay Mehrishi heard about his transfer to Kochi Refinery on 30 December 2020 when he had just 2 years remaining in the organization. He finds it a coincidence to end his journey in a Refinery (KR) as he had started his journey in the Refinery (MR) when he joined BPCL, in 1986. “Working at KR has been an amazing journey for me both professionally as well as personally. As part of the KR IS team, the journey that we have embarked on in KR will transform the IT infrastructure in KR and will be one of the best in the entire organization. With the use of latest technology, I am sure KR will lead the way in adopting digital, seamlessly, in a big way, ahead of others,” expressed Chief General Manager (IS), Sanjay Mehrishi, who is bidding adieu after a long innings with BPCL.

Sanjay joined BPCL as GET (Civil) in MR in 1986 and was confirmed in 1987 with a posting as Estates Officer in the P&A department. He was the first “Engineer” posted to BPCL Chembur colony responsible for the maintenance of entire colony. Thereon he moved to Estates projects where he was associated with some of the finest Architects at that time and he is very happy that many of the projects still stand tall in MR and in Chembur colony that were developed at that time. He was part of major projects in MR, including revamp projects and few grass root projects that were both challenging and exciting for a young engineer.

In 1999 he moved to “Project Entrans” and was opportune to see the larger organization beyond the Refinery. He has been part of the corporate IS team for more than 20 years and cherish the learning from every day spent there. “Out of the many achievements, implementation of eOffice which has transformed the entire approval processes in BPCL and now digital approvals are a way of life for all us will always remain a very special project for me,” he added. As an Internal Coach he could interact with many more across the organization as part of the FOL programs over the years. “It also changed me as a person and opened a whole new world for me beyond my own little world that I was living in,” he added.

“In KR, he envisioned the Network modernization across the Refinery which involves laying of around 80KMs of Optical Fibre Cable (OFC) and replacing around 200 switches which would give users seamless and uninterrupted connectivity for enhanced productivity. The IS team is also modernizing the 2 data centres in KR which will have the best in class hardware and the latest software to cater to the growing needs of users and being ready for the next wave of digital transformation. It will be pride of KR when commissioned,” he shared added about the final missions undertaken.

“Being part of this great organization, surrounded by professionals, working with great leaders and visionaries, working on many challenging assignments and being part of multifunctional teams moulded me into the person that I am today. Having spent most of my life in Mumbai, most of my close associates, friends, colleagues are in Mumbai. But in the last 2 years, I am fortunate to have an expanded the circle of friends, unforgettable memories, beautiful associations in KR and the wonderful life at Kochi that is so difficult to leave and go,” says Sanjay who loves Kochi very dearly. Sanjay hopes to hone his skills further on Hawaiian guitar and open to training and consulting assignments in SAP. Beyond that he would love to support his son Pranab, an ace Tennis player, who is in the final year of Engineering in Electronics and Telecommunication branch in Mumbai. Sanjay’s wife Reeta, works in TCS and juggles so many roles (office and home) seamlessly and effortlessly. A true example of multi-tasking!!

Sanjay and his family plans to settle down in Mumbai, though their heart continues to remain in Kochi and hope to be associated with Kochi for some more time. *JwalaDhwani* wishes them great times ahead!

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GIRI BIDS ADIEU TO HIS DEAR REFINERY

S Giridharan joined in erstwhile CRL (Cochin Refineries Limited) on 15 June 1992 in Project Department. Giri, as he is fondly called, thoroughly enjoyed his tenure through CRL to BPCL in Project Department mainly in Audit, SAP implementation and finally in Maintenance, where he retires as General Manager.

He has been involved in all the major projects of Kochi Refinery from CDU-II in 1992, DHDS, SAP implementation, SPM, CEMP-II and IREP. "Execution of each project was unique. My previous experience in BARC / BHEL was helpful in expediting the mega heat exchanger order placed on BHEL, Trichy. Being the first outside-refinery project, SPM gave tremendous opportunities in boundary management," he shared. In CEMP-II, he was heading the team of NHT-CCR unit and later the contract closure activities in coordination with Finance teams. In IREP, he led the procurement team in the initial phase and later on took over the construction of Delayed Coker Unit and CHSP jobs. "The last five years spent in maintenance was really challenging and the maintenance team could overcome all the hurdles during this period including shutdowns in restricted environments of COVID. I am happy that I could involve and satisfactorily complete the mega shutdown of IREP units during the last months of my career," he shared.

Before joining KR, he did his apprenticeship in Kerala State Detergents and Chemicals, Kuttipuram after graduating in 1985 from GEC, Thrissur. He also had a short stint with FEDO, FACT Engineering and Design Organization as Mechanical Engineer. During this 9 months tenure in FEDO, while working with Vessels Department, he had the excellent opportunity to study about codes and standards which helped him for the selections to the Bhabha atomic Research Centre (BARC) for their 30th batch of training school in September 1986. One year orientation course in BARC covering Nuclear science, metallurgy, finite element methods, Instrumentation gave him a different view on engineering aspects. He was posted at BHEL, Trichy for inspection and follow-up of nuclear pressure vessels and steam generators manufactured at BHEL shops. "These four years gave exposure on fabrication methods, welding specifications and procedures and various inspection methods. These learning helped me in my career in Kochi Refinery," said Giri.

"The company has entrusted me with several important jobs during my service period which further sharpened my skills as a technocrat and manager. The personal bonding with people inside and outside the company has helped me tremendously at work and in life. I always tried to empathize with team mates, which in turn gave me ample support throughout my career, particularly from my maintenance team. I will always cherish the beautiful period of more than 30 years spent with Refinians," he shared with gratitude gleaming in his eyes.

Post retirement, Giri and his wife, Girija, are planning to spend time with their daughter in UK to be the best buddy to their grandson. He shares that Girija has been immensely supportive throughout his career and now it's time he visit places and go on tours with her.

Their daughter, Swetha Menon is a doctor who graduated from Kottayam Medical College and is working at University Hospital in Coventry, UK as a physician. She is married to Rakesh Krishnan, who is working with Infosys, UK. They are blessed with a son, Akshath. Their son, Shailesh Menon after completing his BTech from NIT, Calicut, has cleared the Civil Services in 2020 and joined the Indian Information Services (IIS) and is currently working with Home Department in Delhi. Both children were CR school toppers and the head girl and head boy during their period.

Giri, plans to settle down in his hometown Tripunithura, a place which was also the main reason for moving to the Refinery from BARC in 1992. *JwalaDhwani* wishes Giri and his family healthy and peaceful years ahead.

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FIFA 'WORLD CUP' AT CRS

Cochin Refineries School joined the fervent fans of football with **FIFA @ CRS**. The final day celebration on 2nd December also witnessed the second phase of the Drug Campaign- **.1001 Goals against Drugs**.

The programme began with a prayer. The inauguration of *1001 Goals against Drugs* was done by the Thiruvaniyoor Panchayat President Prakashan C R who shot a goal against Drugs along with other dignitaries Mrs Sheeja Vishwanathan, VP, Thiruvaniyoor Panchayat , Preventive Officer Excise Range Officer, Mamala Ramesan K K and Kishore Kumar, International Volleyball player and former Indian Captain, representatives from the refinery Salvin Joseph, Finny George and Shijil Subash. PTA Representatives M/s Bindu and Basil Biju, Coach of Blasters Youth Academy and former student of CRS; student representative from Adarsh School for Special Children; student representative of CRS, Anice George, Teacher CRS, Principal Mala B Menon, Premlata Shaji, Vice Principal, Nalini, Head, Primary School were also part of this campaign. The flash mob by the students of Adarsh School won the hearts of the spectators. A rendition of a song capturing the euphoria and excitement of football, a dance programme which brought alive the spirit of the game were some of the highlights of the event

The prize winners of Quiz, Collage, Painting, Drawing competitions for different classes conducted as part of FIFA @ CRS were feliciated. *Know your world through Football*- was the theme of this event. As part of this, a quiz was held on daily basis. *Say Yes to Life, No to Drugs* was the theme for Collage, Painting and Drawing competitions. The decoration of the classes according to the country allotted to the students, brought the campus to life with resplendent hues and shades of the 32 participating teams in the World Cup .The event also witnessed the coming together of the children of Adarsh with the students of CRS.



VOLLEYBALL

CRS emerged Runners Up in the Junior Category Boys of the Interschool Bhavans Varuna Cup Volleyball Tournament held at Kakkanad recently. Surya Kiran Sujith won the title of Best Player of the tournament.



V-LITT

Nivedhitha Ragesh and Athul Rajeev won the 3rd Position in the Inter-School V-Litt Poster Designing competition organized by Vidhyodaya Thevakkal.



ADARSHA

Integrity Club of CRS organised the second visit of the specially-abled children of Adarsh Charitable Trust as part of the the cultural exchange program on 22nd November 2022. The program aimed at changing the daily routine of these children and develop their socialization skills.



CHRISTMAS AT CR SCHOOL

Christmas is for joy, giving, sharing and laughter. It was surely a Christmas to remember at kindergarten of CRS. The KG wore a festive look with bells, streamers and a beautifully decorated Christmas tree. The children were told about the birth of the lord Jesus and the legend of Santa Claus. The spirit of giving and sharing was inculcated among the tiny tots. The delightful celebration included children coming in red, white and green colour dress, dancing, cake distribution and gift exchange.

The senior students sounded the jingling bells for Christmas on 22nd December. Ms. Mala B Menon and Ms. Anice were the chief guests of the day. Gagan House Captain, Theertha Sunil welcomed the gathering which was followed by the Christmas message by both the chief guests. The values imbibed through the celebration were showcased through a variety of programmes. The true spirit of Christmas was showcased through Carols, dance forms like *Santa Dance* and the traditional *Margam Kali*. The students cheered and welcomed Santa to their midst. Gagan House Captain Amal Ajay proposed the vote of thanks which was followed by the Nation Anthem.



MATH WINS

Harikrishnan R and Anand Raj of class 11 won third prize in the Inter-school Math Pediton Competition organized by Bhavans Adarsha Vidyalaya.



MONOLOGUE

Swathy Renju wins 1st Prize in the Inter-School V-Litt Monologue competition by Vidhyodaya Thevakkal.



DEBATE

Nikhita S Kumar won the title of the 3rd Best Speaker in the inter-school debate competition organized by The Delta Study School, Fort Kochi



CONSTITUTION DAY

CRS celebrated 73rd Constitution Day to commemorate the adoption of the Constitution of India, in the most befitting manner instilling the values and empowering the children with their rights and duties to their motherland. Principal Mala B Menon, Vice Principal Premlatha Shaji, Primary HoD Nalini N, Ms. Anice, representatives of NCC and NCC 3 Kerala Air Wing, Members of Integrity Club, Student council members, Classes IX & X and teachers offered floral tribute to Dr. B.R. Ambedkar, the Chief Architect of Indian Constitution in the school campus on 25 November 2022.



STAY SAFE STAY HEALTHY



MEASURES TO ENHANCE IMMUNITY



Daily practice of Yogasana, Pranayama and Meditation for at least 30 minutes.



Food should be freshly prepared and easily digested.



Spices like Haldi (Turmeric), Jeera (Cumin), Dhaniya (Coriander), Saunth (Dry ginger) and Lahsun (Garlic) are recommended in cooking.



Drink lukewarm water frequently.



Take adequate sleep (7-8 hours) and avoid day time sleep.

FOLLOW COVID-19 APPROPRIATE BEHAVIOUR



WASH HANDS



WEAR A MASK



KEEP DISTANCE

[CLICK HERE FOR MORE FROM MINISTRY OF AYUSH, GOVT OF INDIA](#)

