



energising lives

# JWALADHWANI

JULY 2023 / VOL. LVIII/07

Energising Kochi Refinery



भारत 2023 INDIA

वसुधैव कुटुम्बकम्

ONE EARTH • ONE FAMILY • ONE FUTURE

80  
EIGHTY MILLION ACCIDENT FREE MANHOURS

EDITORIAL

## EIGHTY MILLION IS THE NEW COUNT

### SAFETY ALWAYS OUR FIRST PRIORITY

At KR we have raised the bar of Safety consciousness yet again by crossing the 80 millionth mark in accident free man-hours. This is a stupendous feat and we bring you a congratulatory note from our ED (Kochi Refinery) on this united commitment of Team KR.

YT-44 We have also bagged the coveted FIPI Award this year for all-round performance in 2022. The "Refinery of the Year" award has been bestowed on Kochi Refinery in the over 9 MMTPA category. Our sister Refinery, Bina Refinery takes home a similar award in the below 9 MMTPA segment. This is indeed a great moment for the Refineries of BPCL. Kochi Refinery also hosted BPCL's first *Industry Immersion Program* for MOPNG, as part of Mission Karmayogi, an initiative under the Capacity Building Commission, Govt of India.

It was a pleasure to welcome the new Director (HR) of BPCL on his maiden visit, to interact with our senior team and employee representatives, after he took over as the new Director of BPCL HR.

All this and more, in another edition of your updater, JwalaDhwani.

Warm regards,  
Editor

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## BPCL BAGS FIVE AWARDS AT FIPI 2023

### 9 MMTPA + REFINERY AWARD TO KOCHI REFINERY

BPCL has been awarded in five coveted categories at FIPI Oil & Gas Awards 2022 creating industry benchmarks in performance, operational efficiencies and marketing acumen, that have been recognised by industry peers, regulators and customers.

The awards were presented by Mr. Hardeep Singh Puri, Hon'ble Minister of Petroleum and Natural Gas and Housing & Urban Development, Government of India in Delhi in the gracious presence of Hon'ble Minister of State for Petroleum & Natural Gas and Labour & Employment, Mr. Rameswar Teli, and Senior officials from MoPNG and Industry on 7 June 2023. Mr. G. Krishnakumar, C&MD, Mr. Sukhmal Jain, Director (Marketing) and Mr. Sanjay Khanna, Director (Refineries) received the award on behalf of team BPCL along with Senior Officials of BPCL. Mr. Abhai Raj Singh Bhandari, Executive Director (KR) joined them to receive the **Refinery of the Year (Capacity 9 MMTPA Plus)** presented to Kochi Refinery for achieving excellence in performance during the year.

Other award categories in which BPCL was recognised are:

- 'Oil Marketing - Company of the Year' for leading performance in market expansion and Direct as well as, Retail Sales through customer centric initiatives.
- Refinery of the Year (Below Capacity 9 MMTPA) to Bina Refinery for achieving significantly higher levels of performance in production, operational efficiencies and energy conservation while meeting the norms of health safety and environment protection.
- 'Digitally Advanced Company of the Year (Special commendation) for building successful and significant presence on social media, customer service excellence and launching various effective digital campaigns.
- 'Innovator of the Year', which honours the commercially successful innovation for its originality, usefulness, value and potential for replication, was conferred on team led by Mr. Nitin Somkuwar, Manager (R&D) for BharatH2Sep Technology for H2 Recovery from Refinery Off-gases.A Technology Demonstration.

FIPI Oil and Gas Awards recognizes the leaders, innovators and pioneers in the Oil and Gas Industry, with an objective to celebrate the industry's most outstanding achievements.



## NEW EXECUTIVE DIRECTOR TAKES CHARGE

### Mr. Abhai Raj Singh Bhandari has taken over as Executive Director of BPCL Kochi Refinery with effect from 01 June 2023

He now heads the largest PSU Refinery in India, situated in Kerala and the first Indian Refinery to produce Propylene derivative niche Petrochemicals. A Chemical Engineer from BITS, Pilani (1987), Mr. Bhandari began his career with Mumbai Refinery In 1987. He has worked with Refineries across India and abroad such as MRPL Mangalore, NRL Assam, BORL besides BPCL MR & Oman Oil Company (deputation).

He anchored several prestigious projects including the commissioning of Hydrocracker Unit of MRPL, Crude & Vacuum Distillation Unit & Hydrocracker Unit of Numaligarh Refinery Limited and Bina Refinery. He headed Operations and Technical Services of NRL where he conceptualized value addition projects like the Motor Spirit Block and Wax Project of NRL. As Vice President of BORL, (formerly the JV Bharat Oman Refineries Limited and today Bina Refinery of BPCL), Shri Bhandari conceptualized and implemented the capacity expansion project at Bina Refinery. With his dedicated team, he has developed several process friendly solutions in Technical, Inspection and Commercial areas, winning many laurels for Bina Refinery.

He took over as Chief Executive Officer of BORL in August 2020 and Executive Director of Bina Refinery from Jan 2022. Currently Shri Bhandari takes over as Executive Director of Kochi Refinery on the superannuation of Shri Ajith Kumar K on 31 May 2023. Mr. Bhandari hails from Lucknow.



The Refinery Council members greet ED(KR) at his office on 01 June 2023.



## CONGRATS ON THE OUTSTANDING SAFETY RECORD

Dear colleague,

### Hearty congrats on crossing the oak milestone of 80 Million Accident-free man-hours!

It gives me immense joy to congratulate on this safety milestone that we have just crossed. With consistent efforts at all levels and by each employee, Kochi Refinery has achieved 80 million man-hours without loss time accident on 22nd June 2023. This reaffirms our dedication towards the moto of **Safety First, Safety Must**. An incredible milestone indeed, that translates to a period of 17 years, 5 months, and 23 days, or in other words 6383 days of operations without any lost time accidents. I extend my heartiest congratulations to each one of you and also the Safety team for the all-round dedication to set this new record for BPCL.

At BPCL, we know that employee wellness is one of the key factors for a successful workplace. Embracing this, we accord paramount importance to Health Safety and Environment for ensuring sustainable, responsible, and successful operations of our Refinery.

Safety is deeply embedded in our culture and we stand firmly with the four pillars of consummate safety management system, an astute implementation strategy, self-driven top management for unconditional support, and a passionate safety culture.

I would like to make a special mention of the sacred features like the Refinery Operating Systems (ROS), QEHS Policy, HAZOP Studies and consistent Digital measures, which are benchmarks in our Safety Journey. We have upgraded our safety processes and systems from time to time for sustaining our safety culture. I would like to appreciate some of the inclusive measures like the Standardization of safety management system, Near miss incidents reporting, robust work-permit system, Lock Out-Tag Out (LOTO) system, Emergency response and disaster management plan and the comprehensive Process Safety Management protocols to name a few.

We can also be proud of the world-class safety infrastructure that we have developed at the Refinery including the three state-of-the-art Fire stations with a host of modern fire-fighting equipment, fire tenders (including HAZMAT truck, BRONTO Skylift), and a well-trained workforce for emergency response.

Along with operational excellence, we as a responsible organization have also focused on building and sustaining a cleaner and greener environment. Currently, the Refinery possesses a green cover of 441 acres which exceeds the required norm of 33%.

The robust safety system we follow definitely has a key role to play in every milestone that we cross. The 80 millionth milestone, is again a reminder that this journey has to continue with more vigour, responsibility and dedication. Let us take it to heart in letter and spirit and enforce strict adherence to operating procedures and work permit conditions across all work levels.

**As a team, let us promise to uphold Safety as the highest priority and make Kochi Refinery the safest place to work.** My best wishes to each one of you once again!

Sincerely,  
Abhai Raj Singh Bhandari



## INDUSTRY IMMERSION PROGRAM FOR MOP&NG

A team of 23 officials from the Ministry of Petroleum and Natural Gas and NITI Aayog participated in an Industry Immersion Programme at Kochi Refinery during 14-16 June 2023. The Immersion programme at Kochi Refinery is the first one by BPL, as part of the *Mission Karmayogi*, an initiative of Government of India being championed by the Capacity Building Commission. The team was taken through detailed sessions, and also had a review with the Senior Leadership led by Mr. Abhai Raj Singh Bhandari. The team visited the various units of the Refinery, Eco-park and was given a fire and safety demo at the Fire Training Ground at the refinery.

Day one, 14 June 2023, being the World Blood Donor Day, the visiting team took the pledge before the day's learning sessions. Under Secretaries of MoP&NG, Mr. Shashi Shekhar Singh and P Somakumar administered the World Blood Donor Day pledge in Hindi and English respectively.

The immersion programme is being taken forward as a Learning & Development initiative of Kochi Refinery, in line with the objectives laid down by the Capacity Building Commission (CBC). The CBC assisted by KPMG, is driving the mission across oil PSUs, to enable Ministry officials to get an immersive experience and a detailed understanding of Industry, its best practices, and upcoming technologies in the Oil & Gas Industry.

The 3-day Industry Immersion programme concluded on 16 June 2023 with a visit to the Skill Development Institute at Angamaly. The 3-day Immersion Program was designed with classroom sessions and site visits. The classroom sessions included knowledge sharing on Central procurement process which covered GeM and related issues, Refinery Economics, Digitization, Refinery Turnaround, Oil movement storage, Crude procurement, and production planning, Projects Management and HR, that were facilitated by technical experts through well drafted presentations and information was later relayed through site visits. The team also visited the BPL Irumpanam Installation and the Shore Tank Farm at Puthuvypeen.





## WARM WELCOME TO DIRECTOR (HR)

**Kochi Refinery was delighted to welcome Mr. Raj Kumar Dubey, Director (HR) on 23 June 2023. This is his first visit to Kochi Refinery after he took over as Director (HR) of Bharat Petroleum on 1 May 2023. Executive Director Mr. Abhai Raj Singh Bhandari extended a warm welcome on behalf of team Kochi Refinery.**

"HR is in the business of looking after people who look after the business. We have to respect knowledge at all levels and help people enjoy their work," Mr. Dubey said while addressing the Management Committee members at an hour long review where he appreciated the functions being handled by each department.

Director (HR) later visited the Plant along with the Refinery Council and planted a sapling at the Eco-Park. Mr. Dubey also inaugurated the Caustic Facilities at the CDU-3 and had a detailed walkthrough of the Main Control Room and the PDPP Control Room. Mr. Dubey interacted with team HR in Mumbai to mark the inauguration of the Digitally Augmented Director's Conference Room. He also launched the PSM E-Learning software introduced in by the HSE team.

Director(HR) subsequently interacted with the HR team of Kochi Refinery at length, taking in the role played by each officer. He commended the team for the integrated approach as a full fledged HR team of BPCL. He also appreciated the extensive support given to boosting sports management in KR and the facilities developed for enabling a healthier work-force and work-culture. Director (HR) also met the representatives of the various unions in the Refinery. Mr. Sanjiv Pillai, General Manager (HR), Director's Office was also present.

Mr. Dubey brings with him a wealth of experience in business and human capital development, having worked in the industry for over 34 years. Mr. Dubey is an alumnus of NIT Allahabad with a degree in Mechanical Engineering and has also acquired Masters of Business Administration from International Centre for Promotion of Enterprises, Ljubljana, Slovenia. With his visionary leadership skills, distinguished performance and excellent people management abilities, we are confident Mr. Dubey will drive the organization to greater new heights.



Inaugurating the Caustic facility at CDU-3



Inaugurating the digitally augmented Director's Conference Hall



A selfie with the HR team of Kochi Refinery

At the Main Control Room





## DIRECTOR (HR) INAUGURATES CAUSTIC FACILITY AT CDU-3

Director (HR) Mr. Raj Kumar Dubey, inaugurated the Caustic Facility at CDU-3 in the presence of Mr. Abhai Raj Singh Bhandari, ED(KR), the Refinery council members, Mr. Sanjiv Pillai, GM(HR) Director's office and the project commissioning team on 23 June 2023.

Commissioning of this caustic injection skid helps us to process Russian crude and Brazilian crude at a larger scale. Commissioning of this skid was a time sensitive job as the availability of new skid is a major factor in confirming future crude cargos.

Caustic injection is used to reduce crude column overhead acid corrosion caused by Hydrogen Chloride (HCl). Thorough mixing of crude and caustic is achieved by use of static mixer. Slip stream of Crude is taken from Desalter V110 A outlet and it mixes thoroughly with Dilute caustic 1-2wt% in a static mixer. Caustic is injected at a low concentration (1- 2% by weight). This low concentration also reduces the risk of caustic corrosion and caustic stress corrosion cracking. All the piping and equipment downstream of injection are post weld heat treated (PWHT) and a Monel 400 quill is required for caustic injection.

Maximisation of cheaper crude processing at Kochi Refinery – Caustic Injection Skid (IC-LZ 129) was developed at a total cost of Rs.2.2 Cr. The facility was supplied by M/s. Dencil Pumps & Systems Pvt Ltd





## PSM E-LEARNING MODULE LAUNCHED

Process Safety Management is a comprehensive management system that strives for zero process incidents by adopting suitable methodology. BPCL pioneered the implementation of Process Safety Management in Kochi Refinery in 2017 and has seen a significant improvement in the PSM score from the baseline score of 57% in 2017 to 81.6% in 2023.

The PSM E-learning module introduced at Kochi Refinery was launched by Director (HR), Mr. Raj Kumar Dubey on 23 June 2023. He launched the programme and also went through the different online modules to understand the depth to which the training has been designed. The PSM e-learning module is an online training module to enhance process safety knowledge and develop process safety competency.

The PSM e-learning module was launched by Director (HR) in the presence of Mr. Abhai Raj Singh Bhandari, ED( Kochi Refinery), the Refinery Council Members, Mr. Sanjiv Pillai, GM(HR) Director's Office and Mr. Subba Rao CEO, M/s Chola MS Risk Services.

Kochi Refinery selected a total of 17 elements based on OSHA and CCPS guidelines, out of which 7 elements namely Process Safety Information, Process Hazard analysis, Operating Procedure, Mechanical Integrity and Quality Assurance, Management of Change, Pre Start up safety review, Incident analysis and Investigation System were selected as e-learning Modules that were developed by M/s Chola MS Risk Services Ltd. Chennai, in close co-ordination with Kochi Refinery PSM team. The course content and methodology were developed by the PSM team while eLearning Module was done by M/s Chola MS Risk Services.

Each module consists of pre assessment, objectives, mind map, course and final assessment, having a total duration of around 45 min. After successful completion of each course, completion certificate can be downloaded by the user. The programme is currently open to members of Kochi Refinery only.

## Near Miss Award Winners for the month of April - 2023



**Sujith S**  
MSBP - MFG-1



**Amal Raj**  
MSBP - MFG-1



**Ajeesh C A**  
NHT/ISOM-MFG-2



**Deepak K T**  
NHT/ISOM-MFG-2



**Biju P N**  
FCCU, MFG-2



**Safeer P S**  
FCCU, MFG-2

**"Thank You for your alertness and intervention to identify and inform the incident. Your timely involvement has helped in avoiding a major Process Safety Event" "As always Safety is the top priority"**





## AN ENVIRONMENT DAY AT KOCHI REFINERY COMMITTED TO BEAT PLASTIC POLLUTION

**World Environment Day was celebrated as part of Mission LIFE on 5 & 6 June 2023 at Kochi Refinery this year, taking across the message of #BeatPlasticPollution. A string of events and tree-planting missions marked the celebrations.**

Mr. Abhai Raj Singh Bhandari, Executive Director (Kochi Refinery) inaugurated the newly developed Eco Park at PDPP on 5 June 2023 in the presence of Mr. Sankar M, CGM I/C (Operations), Ms. Sarah Thomas, CGM(HR), senior officials and employees. Senior Executives and Women employees planted various species of saplings at the park. The park has been developed on the south side of the PDPP Plant and contains fruit bearing trees and priceless species like the Mahogany, Asokam and Aryaveppu to name a few. The park now adds on to the list of parks developed within the refinery.

More than 470 tree saplings were planted as part of the World Environment Day celebrations and Mission LIFE activities. Ms. Sarah Thomas, CGM (HR) inaugurated the planting of saplings at Cochin Refineries School, Vandipetta in the presence of senior executives, Principal, Teachers and students. On the same day, Mr. Senthilkumar G R, CGM (Technology) inaugurated an awareness session on How to Beat Plastic pollution at the DCU – M/s.Green Hub Engineering Contractors area, in the presence of other officers of BPCL-KR. A photo exhibition was arranged and planting of tree saplings were also done within the premises of DCU Plant area.

After taking the pledge, a discussion on How to Beat Plastic pollution was also organised at the Utility- RODM plant (M/s Ion Exchange India Ltd). Prizes were distributed to the winners of the quiz competition conducted on environmental protection awareness. Saplings were planted around the RODM plant too.





Mr. Rajasekhar K, CGM (Inspection) inaugurated an Environment Protection Program at Mridulasparsham, Special school, Irumpanam in the presence of KR officials, School Chairman & Director, Teachers, Parents and students. The students presented a cultural programme that had traditional art and music forms of Kerala like “Ottamthullal” and “Chendamelam”. Saplings were planted and also distributed at the event,

On 6 June 2023, as part of continuous efforts to increase greenery, Mr. Sankar M, CGM I/C (Operations) inaugurated the Mango Meadows near DHDS Fire Station and planted saplings along with BPCL KR officials. To mark the closing day of the celebrations, Mr. Suresh John, CGM (RPO), Kochi planted saplings along with KR senior officials at the Coke Dome area and handed over certificates of appreciation to M/s. Thyssenkrupp for maintaining successful green belt at Coke Dome area.

For Kochi Refinery, Sustainability is not a word for statutes, but an effort of sincere approaches in everyday life. World Environment Day is an opportunity for each one of us to re-commit ourselves and become agents of change. We cannot turn back time. But we can grow trees, green our cities and gardens, change our diets and clean up rivers and coasts. We are the generation that can make peace with nature. The HSE-Environment Team together with Maintenance Civil and Planning under the leadership of Mr. MK Ramachandran M K, GM I/C (HSE) coordinated and supported the green initiative as part of their continuous effort to make the refinery greener.





## DECENTRALISED ZERO EMISSION PYROLYSIS PLANT PARTNERING WITH IIT - CHENNAI

On World Environment Day, BPCL announced the signing off the MOU with District Administration, Thiruvallur, to support the 'Decentralised Zero Emission Pyrolysis Plant' in partnership with Indian Institute of Technology, Chennai.

This plant will recycle over 240 tons of plastic waste within first year, which will eliminate CO2 emissions equivalent to charging of 486,000 mobile phones or equivalent to emissions released by an average passenger cars driven over 16,000 kilometres. The Pyrolysis oil produced at the plant will be used in boiler plant, furnaces and in oil generators to produce electricity.

The MOU was signed in presence of Mr. Raman Malik, General Manager Admin Services, Facilities & CSR, Mr. Susmit Das, Head HRS, South, Ms. Aparna Pandey, Asst. Manager, CSR, from BPCL and Dr. Alby John Verghese, District Collector, Thiruvallur, Mr. Rishab C.A, Additional District Collector, & Dr. Indumathi Nambiar, Professor IITM.



**Narendra Modi**  
Prime Minister





**E20**

नए भारत का नया पेट्रोल



**Drive the change with E20**  
for a cleaner, greener India



Less Pollution &  
Enhanced Farmers Income



Reduced Crude Import,  
resulting in Forex Savings

# BREAKING NEW GROUND IN ENERGY SUSTAINABILITY

The issue of climate change is posing an unprecedented challenge to the entire global community. Due to the buildup of greenhouse gases in the atmosphere, the climate of the Earth is changing quickly. Getting to net zero carbon emissions is a critical step in this direction.

The balance between greenhouse gas emissions and removal is known as net zero carbon emissions, which is frequently used interchangeably with the term carbon neutrality. In order to achieve balance, emissions must be reduced as much as feasible and any left-over emissions must be offset using a variety of technologies, such as carbon capture.

Achieving net zero carbon emissions is imperative because of the dangerous effects of climate change. We can prevent catastrophic effects by keeping global warming to 1.5 degrees Celsius over pre-industrial levels through the transition to a net-zero economy, as suggested by the Intergovernmental Panel on Climate Change (IPCC).

It is crucial to switch from fossil fuels to renewable energy sources including solar, wind, and hydropower. Governments and companies must make investments in sustainable energy infrastructure, encourage energy efficiency.

It is with this unwavering focus that the Bharat Petroleum Corporation Ltd (BPCL), a premier integrated energy company with a petroleum refining capacity of around 35.3 MMTPA, has pioneered technological advancement in its quest for net zero carbon emissions. The Maharatna, a Fortune Global company, has recently come up with two ground-breaking sustainable solutions to energy requirement – ethanol-diesel blend – for cleaner emissions, and high-efficiency LPG burner.

Research & Development is back bone for any company for giving leverage to the company for sustainable growth. Looking at the future energy landscape and Corporation's Net Zero 2040 mission, our corporate R&D programs are primarily focusing on developing innovative solutions for CO<sub>2</sub> capturing and utilization, Green H<sub>2</sub> and Biofuels and also leveraging R&D for supporting the existing business growth and sustainability. BPCL is aggressively investing in technological advancement in the processes and efficiently



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BPCL, Kochi Refinery

monitor & optimize the operation of existing Assets through digital advancement, and collaborations with renowned institutes. This underscores the petrochemical marketing giant's sustainability agenda and Net Zero Mission, a pledge to create a better future. The emerging technologies in renewal and conventional areas both are vital to reduce fossil fuel uses on sustainable basis and readiness for the future energy.

The high-efficiency LPG burner developed by the Centre has revolutionized energy conservation. The use of this high-efficiency burner will save one LPG cylinder annually as it is said to be 10 per cent more efficient than the conventional burner. The additional advantage of the burner is that it is easy to retrofit in existing burners of similar dimensions.

The R&D Centre has successfully developed a PNG burner with an efficiency of 70%, surpassing the reported 55% efficiency achieved so far. The plan is to conduct a pilot and roll out the energy-efficient PNG stove in FY 2023-24, contributing toward reduction in import dependency and burden on the exchequer.

The creation of such ground-breaking technology must be accelerated by continued investment in research and

development (R&D). This includes developments in technologies for direct air capture (DAC), carbon capture and storage (CCS) and renewable energy. Governments, businesses, and academic institutions should work together to promote innovation and commercialize innovative technology.

Similarly, addressing the global challenge of climate change requires cooperation among countries. International agreements like the Paris Agreement provide a framework for collaboration, encouraging countries to set ambitious emissions reduction targets and support each other in achieving them. Sharing best practices, knowledge, and resources can expedite the transition to a net-zero future. No wonder, the Centre has risen to global prominence as a leading research centre with an enduring commitment to adopt an innovative approach to valorize bio-refinery waste.

Leading by example, more companies are aligning their operations and production processes for improving sustainability scores by leveraging innovation in technology that support simple shift or changeover procedures for maintaining an eco-friendly and thriving sustainable environment.



## WORLD BLOOD DONOR'S DAY PLEDGE AT KR

Mr. Abhai Raj Singh Bhandari, Executive Director (Kochi Refinery) leads the #WorldBloodDonorDay pledge at Kochi Refinery. He led the pledge in Hindi while CGM(Ops) Mr. M. Sankar administered the same in English. The theme of the Day this year is "Give blood, give plasma, share life, share often".



## INTERNATIONAL DAY OF YOGA

Employees led by Executive Director (KR), Mr. Abhai Raj Singh Bhandari participated in the yoga day sessions that began at 8:30am on the International Day of Yoga 21 June 2023. The common yoga protocol was practiced followed by Pranayama. Ms. Anita S Nair, a leading Yoga Guru in Kerala led the Yoga session, while Mr. Vasudevan Akkithath, Pranic Healing instructor and Secretary, Trustee of Yoga Vidya Pranic Healing Foundation, Kochi affiliated to the World Pranic Healing Foundation India concluded the programme.





# CONGRATS ON CROSSING YOUR CAREER MILESTONES

## 35 years



**PRATHAPAN J S**  
MFG-II



**MOHANAN K R**  
MAINT



**VIDYASAGAR R**  
E&C



**KHALID M C**  
CPO-KR



**SHAHUDEEN C K**  
P&U



**SAIFULLA T**  
P&U



**ABDULKADIRIKOYA**  
SARABIYODA/HSE

## 30 years

## 25 years



**KUNDU B**  
HSE -PSM



**AGRAWAL S S**



**VAITHEESWARAN**  
N / LEGAL



**RAJESH M**  
OM&S

## 15 years



**SANTOSH P TAJNE**  
P&U



**RAJESH P R**  
PETCHEM



**RAJESHKUMAR K K**  
MAINT



**ELDHO PHILIP**  
PETCHEM



**SREEKUMAR M**  
MFG-II



**ABHILASH**  
CHANDRAN / MFG



**ANEESH M J**  
P&U



**MADHU R**  
CHAKIAR/ P&U

*Happy Birthday*

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

## SUPERANNUATION

### BEST WISHES TO OUR COLLEAGUES SUPERANNUATING THIS MONTH



**SURESH JOHN**  
joined in the Technical Service dept in 1989 and is retiring from the Refineries Project Organisation (KR) department.



**SAMPATH KUMAR R J**  
joined the Technical Services Dept in 1986 and is retiring from Engineering & Construction Dept.



**FINNI GEORGE**  
joined the organization in the Maintenance Dept in 1983 and is retiring from HR department this month.



**GOPALAKRISHNAN UNNITHAN T R**  
joined in the P&A department in 1986 and is retiring from OM&S department



**RAVIKUMAR M**  
joined the Maintenance dept in 1987 and is retiring from P&U – ELECTRICAL department



**THULASIDAS N**  
joined the Materials department in 1998 and is retiring from Central Procurement Organisation (KR) this month.



**MANUEL C A**  
joined the P&A Dept in 1988 and is retiring from MAINTENANCE department



**SHERLI KUNJUMMAN**  
joined the Technical Services department in 1993 and is retiring from PROJECTS (Contracts & Services)



**REMESH CHANDRAN M**  
joined the Security department in 1999 and is retiring from LEGAL department this month.

# VOLLEYBALL COACHING CAMP FOR CHILDREN



Volleyball Summer Coaching Camp for students by Kochi Refinery concludes at Ambalamugal. Twenty children from classes 6 to 12 attended the two month long coaching at the BPCL indoor stadium at Jwalagiri near the Kochi Refinery. Basics of the game, important skills, exercises and friendly matches were the major attractions of the camp. Arjuna Awardee and former International Volleyball team Captain Tom Joseph, Manager (Admn) Kochi Refinery was the Coach. The coaching was given after regular office hours. The camp is to help students sharpen their skills in the game and pursue further training at sports academies. Four students obtained admission to different sports schools this year. This sports initiative that started with 23 children last year had 20 students this time. Nine children from the previous camp continued this year also

The coaching camp was organised in association with Vadavucode Puthencruz Grama Panchayat. Sonia Murugesan, President (VP Grama Panchayat) inaugurated the closing ceremony of the volleyball summer coaching camp for children in the area on 2 June 2023. Ashokan KK, Vice President, Vadavucode Puthencruz Grama Panchayat, Vineeth M Varghese, Chief Manager (PR & CSR), Tom Joseph and Panchayat Ward Members were present. On the closing day, medals were distributed to the participants after a friendly match.

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MINISTRY OF PETROLEUM AND NATURAL GAS

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Lifestyle for Environment

G20  
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75  
आज़ादी का अमृत महोत्सव

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एनर्जीजिंग लिव्स

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Let us make the dream of clean India a reality.

**It is not just a thought, It is not just an activity,  
It is not just a social programme,  
It is a commitment.**

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BPCIndia

## NESW 2023 AT KR

The National Electrical Safety Week under the aegis of the National Safety Council is being observed this year with a string of participative events for employees. The objective of the campaign is to raise awareness and enthusiasm among industries on Electrical Safety and to renew the commitment of employees and general public to promote a participative approach towards safe use of electricity. The theme of MESW 2023 is Electrical Safety - Don't Compromise, Be Wise.

# NATIONAL ELECTRICAL SAFETY WEEK-2023

26<sup>TH</sup> JUNE - 2<sup>ND</sup> JULY

Bharat Petroleum  
energizing lives

**Electrical Safety – Don't Compromise, Be Wise**



## NEW LEADERS TAKE THE OATH INVESTITURE CEREMONY 2023-24

Sreekanth M (XII A) and Jeena Thomas (XII C) took the oath as the School Captains at the 56th Investiture ceremony of Cochin Refineries School held on 15 June 2023. Ms. Maya Mohan, former Principal of Chinmaya Vidyalaya and a member of the CRS Board, was the Chief Guest of the day. In a ceremonious procession, the students' council members of 2022-23 led the school's Principal, Mr. Vinumoan K Mathew, Vice-Principal Ms. Premlata Shaji, Primary head of School, Ms. Nalini N, School PTA president, Mr. Ranjith T P, and Students' Council advisors of 2023-24 Ms. Reby K B and Srividya R to the auditorium.

The newly elected captains that include Asst. School Captains Christy Binu (XI B), Janaki Prasad (XI C); Sports Captains Nefal Raijo (XI A), Aleena Benny (XI C) and Arts Captains Rohith Hari (XI A) and Manjary M Rajesh (XI B) were introduced by the student council advisors, and then the swearing-in ceremony took place. The sashes and badges were presented to the School Captains. House captains are : **AGNI House** : Mayookh Rajesh (XI A), Raghav S Kurup (XI A), Nooya Luciya Byju (XI B), C B Gayathri Kartha (XI A), **GAGAN House** : Pramod Kumar (XI A), Ihsan Muhammed (XI A), Sanjana Biju (XI A), Nihitha K P (XI A), **PRITHVI House** : Vignesh R (XI A), Bhagath Jeotish (XI C), Athira Subash (XI B), Sreedevi N (XI C) and **SAGAR** : Anwin Santhosh (XI C), Joseph Sanjay George (XI A), Swathy Renju (XI A) and Nirupama V G (XI B).

The school song was sung after the School Captain gave his first command. The Chief guest then addressed the students. Medals and certificates were awarded to the proficiency prize winners in grades 6 through 12. The School Captain delivered the vote of thanks. The programme concluded with the National Anthem.



## BAY FEST 2023

Cochin Refineries school organised BAY Fest to mark the beginning of a new year, a new beginning. The new Principal Mr Vinumoan K Mathew was accorded a cordial welcome. Vice Principal Mrs Premlata Shaji welcomed the gathering. Principal shared his thoughts on this occasion. The teachers who joined the CRS family, this academic year were introduced. The little ones of Class 1 ,as they took their first step to learning were warmly received into the folds of CRS by the students of class 12 by handing a gift , symbolic of the passing on the legacy of CRS to the succeeding generation. The Bay Fest song , penned by Ms. Maya was rendered by all teachers to welcome all the students back to school.

## WORLD ENVIRONMENT DAY AT CR SCHOOL

Cochin Refineries School celebrated World Environment day envisioned to create awareness among students on the importance of preserving nature. The programmes organised by the Science dept in association with Love Green club gave opportunity for students to get enlightened on the theme of the World Environment day 2023 'Solutions to plastic pollution'. Shri Vinumoan Mathew, Principal CRS, Shri Ranjith T P, President PTA addressed the gathering. Students took a pledge to make the campus green and eco friendly. Classes 1 to 12 planted saplings in the campus.

The Environment department of BPCL-KR arranged 125 saplings for World Environment day celebration at CRS. Ms. Sarah Thomas, CGM (HR) and Chairperson CRS inaugurated the programme by planting a sapling in the campus. The function was attended by Mr. M K Ramachandran, GM, I/C ( HSE). Mr. Santhosh Varshney, DGM, Environment, Mr. G Anand, SM(Env, Mr. Rajendran Prasad, AM (Env), Mr. Johnson K, DGM (Admn), Mr. Mathew P Thomas, GM(HSE) & School Board member, , Mr. Devalkar Raviraj, SM(Estates), Mr. S Yuvraj, BPCL KR Estates and Mr. Ranjith T P, President PTA, CRS.





## DELHI BOY FROM BPCL FAMILY EMERGES KERALA TOPPER IN JEE ADVANCED 2023



Prakhar Jain, student at Saraswati Vidyaniketan Public School, Elamakara, S/o Piyush Jain, DGM(Maint) has emerged as the top performer in the JEE Advanced 2023 examination in Kerala. Prakhar won the 21st rank at the national level IIT entrance examination. He scored 312 marks out of 360.

Hailing from Delhi, Prakhar and his family relocated to Kerala two years ago when his father, had to shift from BPCL Mumbai to Kochi Refinery. Prakhar had achieved 59th national rank in the JEE Main 2023, scoring 290 marks out of 300. JEE-Main, which is the admission test for engineering colleges across the country, is the qualifying exam for JEE-Advanced. Expressing happiness over his big win, Prakhar said he wishes to secure admission to IIT Bombay with specialisation in emerging technologies like data analytics and artificial intelligence - (Also read online report at [OnManorama](#))



## STARS OF CRS

The Students' Council 2022-23 and PTA coordinated a programme to honour the top CRS scorers of the SSCE and SCE of 2023 on 06 June 2023. The student council members escorted the 10 toppers and their proud parents, together with Principal Vinumooan K Mathew, Vice-Principal Ms Premlata Shaji and PTA President Mr. Ranjith T P. The PTA President presented the memento, and the Principal, the Vice Principal, and the Primary HOD, Nalini Ma'am, presented the Certificates of Merit to the toppers. Principal and Ms. Jayashree, Head of the Science department, congratulated the top students.

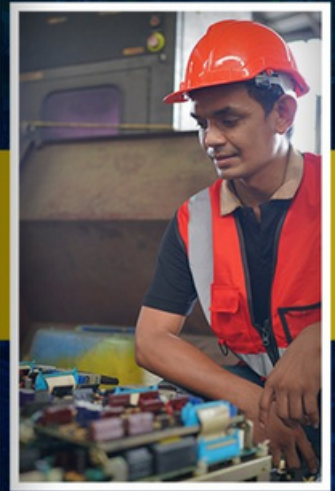
The SSCE Science Stream winner, Manasa K (former House Captain-Agni), the SSCE Commerce Stream winner, Adithyan K Abhilash (previous School Captain), and the SCE winner, Manjary M Rajesh, all revealed the formula for their success. The program's highlight was the interactive session with the students and outstanding performers. The senior's words, which came from their hearts, had a powerful motivating effect on the juniors.

## ABHINANDAN 2023

Abhinandan 2023, the felicitation ceremony organised by Kochi Sahodaya School complex was held in Bhavan's Adarsha Vidyalaya, Kakkanad on 24 June 2023 to honour the students for their outstanding performance in SSCE/ SCE examinations (March 2023). Adithyan K Abhilash SSCE top scorer with 99.2% marks (496/500) and Manjari M Rajesh SCE top scorer with 98.6% marks (493/500) received the prize and certificate of merit along with our Principal Mr. Vinumooan Mathew .The Chief guest of the day was Mr. C A Venugopal C Govind (Chairman Bharatiya Vidya Bhavan,Kochi Kendra).The other guests at the ceremony were Mr. Aravind Lakshman (President of Kochi Sahodaya), Secretary, Joint secretary and treasurer of Kochi Sahodaya.



# WORLD MSME DAY



BPCL is fueling the dreams of  
**13,000+ MSME** changemakers

BPCL stands tall as a beacon of diversity and as an organisation that fosters equality with over 13,000 active MSME vendors, including SC/ST and women.

In FY23, BPCL's procurement value from MSMEs reached a remarkable Rs. 3,202 Crore, which is over 36% of our total purchases.

On **MSME DAY**, 27 June 2023 and every day, we honour the resilience and entrepreneurial spirit of MSMEs that underpin the growth of our nation.

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