



energising lives

# JWALADHWANI

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Energising Kochi Refinery

mini



EDITORIAL

## RELIABLE REFINERS RESPONSIBLE . RESILIENT . REFINED

Kochi Refinery is delighted to welcome our Chairman & Managing Director, Mr. Arun Kumar Singh, on his first visit after assuming office as C&MD of BPCL. Motivating us to raise our bars of performance to international levels, our C&MD also shared BPCL's aspirations for the future. In our top story, we bring you the thoughts he had shared with a cross section of Refiners on his recent visit.

Team Kochi Refinery is also elated with the acceptance of our former Executive Director to the BPCL Board of Directors. Our applause and salutes to Mr. Sanjay Khanna who has taken over as the Director (Refineries) on the auspicious day of 22 February 2022.

We would also like to raise a toast to the strong women of Kochi Refinery this month, as they celebrate the International Women's Day. 75 Women propel and support the operations of the largest PSU Refinery in India. In various capacities, they have created a *niche* for themselves as critical and invaluable contributors.

As urged by BPCL C&MD, being Refiners we have to think and act globally, since, in refining our competition is with international refiners. Let's keep up our promise to be resilient, responsible and reliable.

Stay safe and motivated.

Warmly,  
Editor

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## Kochi Refinery welcomes Chairman & Managing Director



Shri. Arun Kumar Singh



# REFINERIES HAVE TO THINK AND ACT GLOBAL, SAYS C&MD BPCL

**“We have to build on our strengths and forge our presence in the emerging market trends and there is immense scope for optimization on all fronts in the Refineries, including manpower and energy efficiency. Going forward the game for refineries will be of Survival of the Fittest. So any Refinery which has least environment impact, best reliability and is cost-efficient will survive.”**

**- Arun Kumar Singh,  
C&MD, BPCL**

“BPCL Refineries are like four pillars, supporting the edifice of the corporation and has made us self-sufficient as far as product is concerned,” said Mr. Arun Kumar Singh, Chairman and Managing Director, BPCL with additional charge of Director (Marketing & Refineries).

Though NRL is no longer in our fold, we have the right over the entire production, shared C&MD, who began his conversation appreciating the strategically located refineries. In a chat with employees of Kochi Refinery on 10 Feb 2022, Mr. Arun Kumar Singh, expressed that, “Refineries are always benchmarked on a global scale. We have to think and act globally, since, in refining our competition is with international refiners like Saudi, Kuwait and Qatar.

Gone are the days when high refining margins could mask all the inefficiencies, C&MD reminded. Efficiency in operation and Cost optimization are key factors and it’s a shared responsibility, where everyone has to contribute. “We have to build on our strengths and forge our presence in the emerging market trends and there is immense scope for optimization on all fronts in the Refineries, including manpower and energy efficiency. Going forward the game for refineries will be of Survival of the Fittest. So any Refinery which has least environment impact, best reliability and is cost-efficient will survive,” Mr. Singh shared.





- C&MD met with a cross section of the Refinery on his first visit to Kochi Refinery after taking over as Chairman & Managing Director
- C&MD congratulated KR team for the uninterrupted supplies of petroleum products during the COVID pandemic
- Also appreciated the exemplary work for completing the PDPP project through remote commissioning without onsite support from licensors and OEMs.

Mr. Singh gave a broad outline of future investments of BPCL which he termed as the 6 pillars of our temple of aspirations, namely **Petrochemicals, Renewables, New Businesses (Consumer Retailing), Gas, EVs and Upstream**. An Ethylene Cracker at Bina Refinery and Polypropylene Plant at Kochi Refinery are the main Petchem projects in the pipeline. A new BU has been formed for Renewables that is targeting 1 GW by 2025 and 10 GW by 2040. Under New Business initiatives, 1000 consumer retailing stores are planned by 1st half of 2022-23. Likewise expansion in GAS is proposed, both in CNG and PNG and 7000 energy stations in next 5 years are coming up soon for supporting EVs, of which 1000 will be up in 2022-23. In Upstream the focus will be on investments in Brazil and Mozambique.

C&MD met with a cross section of the Refinery on his first visit to Kochi Refinery after taking over as C&MD and also his first in 2022. C&MD congratulated KR team for the uninterrupted supplies of petroleum products during the COVID pandemic and also appreciated the exemplary work for completing the PDPP project through remote commissioning without onsite support from licensors and OEMs.

Mr. K Ajith Kumar Executive Director (Kochi Refinery) welcomed C&MD with the traditional ponnada of Kerala and delivered the welcome address. Mr. Chacko M Jose, proposed the vote of thanks.

C&MD also had a brief interaction with the audience and gave a patient hearing to representatives of the trade unions who submitted their petitions for the kind consideration of the BPCL Board.





## DIRECTOR (REFINERIES)

**Mr. Sanjay Khanna** takes over as Director (Refineries), Bharat Petroleum on 22 February 2022. A Chemical Engineering graduate from NIT, Tiruchirapalli and Post Graduate in Finance Management from Mumbai University, Mr. Khanna has more than 30 years of experience in Refinery Operations.

In his illustrious career, he has earlier held the positions of Chief General Manager In charge (Mumbai Refineries), Executive Director (Kochi Refineries) and Executive Director In-charge of Refineries, where he headed the refineries operations in BPCL.

## LUBRICANTS FOR 'FUTURE OF MOBILITY'

Soon after launching Southern India's first EV Fast-Charging Corridors, BPCL introduces **MAK e-Drive**, a lubricant for the 'Future of Mobility', which is a premium quality synthetic driveline fluid specifically developed to meet the specific requirements of EVs. It's formulated with synthetic base oil and advanced additive technology, which provides the right balance of electrical and thermal properties while ensuring gear protection and compatibility with various materials used in EV powertrain.

MAK also added three more new products to its large product bouquet; **MAK e-KOOL**, coolant for use in Indirect Cooling, **MAK Chain Spray Oil** specially recommended for high performance motorcycles and **MAK Multipurpose Spray**. New MAK lubricants were launched in presence of Mr. V.R.K. Gupta, Director (Finance), Ms. Meenaxi Rawat IES, CVO, Mr. Sanjay Khanna, Executive Director (Refineries), Mr. G. Krishnakumar, ED Lubes and other officials of BPCL.



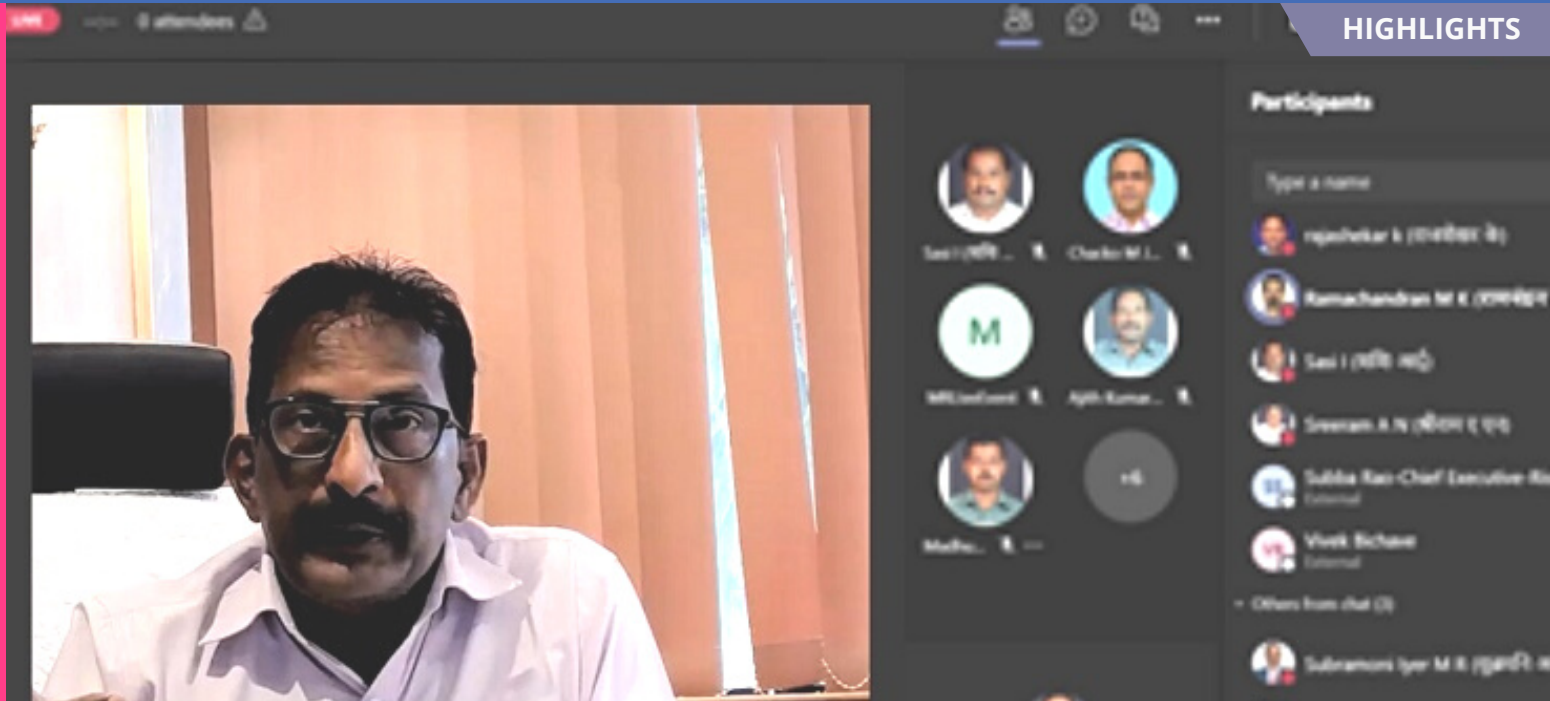
## EV FAST CHARGING CORRIDOR LAUNCHED IN SOUTH INDIA

BPCL launches Southern India's first EV Fast-Charging Corridors on Chennai – Trichy – Madurai Highway, with the rollout of CCS-2 DC Fast chargers at 10 of its conveniently located Fuel Stations along the 900 kilometer route. The launch by Mr. PS Ravi, Executive Director (Retail) was broadcast live on 17 February 2022 on social media.



WATCH THE GO-LIVE CEREMONY HERE >>





## KOCHI REFINERY HOSTS PROCESS SAFETY WEBINAR

“Early prediction and planning are required to ensure high standards in Mechanical Integrity, which is a key factor in improving reliability and operational excellence for continued operation,” said Mr. Ajith Kumar K, Executive Director (Kochi Refinery).

Mr. Ajith Kumar was delivering the inaugural address of the fourth edition of the National Seminar on Process Safety Management. ED(KR) spoke in detail on the importance of systematic approach to Turnaround management incorporating PSM elements. He also stressed on the importance of Contractor Safety as contract personnel also play a key role in successful Turnaround management.

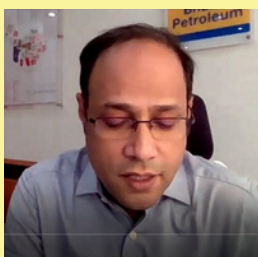
Even though Process Safety has evolved over the years, the recent spate of accidents across India in HPCL Vizag, IOCL Haldia, and IOC Barauni indicated need for the focus on the importance of Process Safety related to Turnarounds. Needless to say, for excellence in operations and safety we have to ensure that the Turnarounds are managed incorporating PSM principles so as to complete the turn around without any Loss of primary containment (LOPC) and to ensure that integrity of the plant is maintained throughout their life cycle, ED(KR) said.

PSM webinar on “Process Safety & Turnaround” was organised on 15th February 2022 on MS Teams platform given the pandemic restrictions on on-ground events and travel. The webinar aimed at propagating Process Safety as a stimulant for enhancing safety during Turnaround by proper planning, execution and complying the Pre-Start up checks to avoid incidents and accidents during the Turnaround. More than 135 participants joined the webinar from BPCL group Refineries (MR, KR & BR), Corporate HSSE, OISD, HMEI Bhatinda, Reliance Industries, IOC Haldia, HPCL Vizag and Air Products, Kochi.

“Early prediction and planning are required to ensure high standards in Mechanical Integrity, which is a key factor in improving reliability and operational excellence for continued operation.”

- Ajith Kumar K,  
ED (Kochi Refinery).

### OTHER SPEAKERS



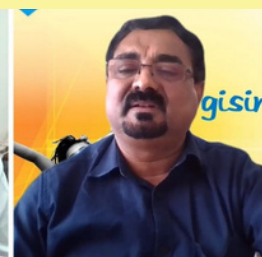
Chacko M Jose



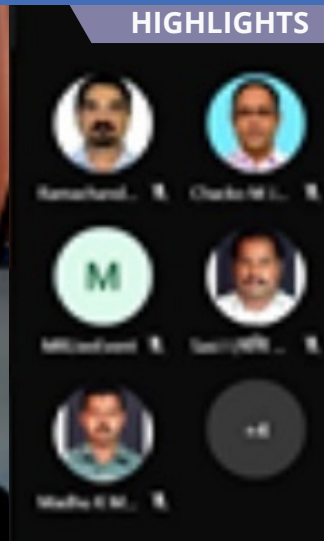
Sanjeev Raina



Sriram AN



MK Ramachandran



In his keynote address, Mr. Subramoni Iyer M R, Executive Director (Mumbai Refinery) reminded that safety is not a priority but an invaluable part of the operational culture. He also expressed his happiness on the initiatives taken by Kochi Refinery. Earlier, Mr. Chacko M Jose, Chief General Manager (Ops.) welcomed the senior executives, speakers and participants. Mr. Sanjeev Raina, CGM (HSSE) and Mr. Sreeram A N, CGM (Proj. Tech & Petchem) felicitated while Mr. M K Ramachandran, GM (HSE)/C proposed the vote of thanks.

**"Safety is not a priority but an invaluable part of the operational culture."**

**- Subramoni Iyer MR  
ED(Mumbai Refinery)**

Mr. Devendra Mahajan, Joint Director (P&E), OISD, Mr. Vivek Bichave, Vice President -Safety and Operational Risk, Reliance Industries Ltd, Mr. Subbarao N V, CEO, Chola MS Risk Services, handled the sessions. Also speaking from MR was Mr. Sasi I, DGM(PSM) and from KR, Mr. Madhu K M, CM (PSM) and Mr. Krishnakumar V, SM (Inspection) were the other experts who spoke at the webinar. Papers were also presented in line with the theme of the webinar.

A wealth of knowledge and experience was shared at the webinar attended by operations team, process engineers, safety engineers, maintenance team, mechanical integrity managers, process safety managers and heads of operations of refineries with rich insights into Process Safety Management.

This seminar gives a push to the second phase of the PSM program ( PSM V.2.0) and also awakens the importance of planning and risk management for the IREP Turnaround at BPCL-Kochi Refinery. All efforts at the Refinery are continuously aimed at ensuring that the 17 elements of Process Safety Management implemented at Kochi Refinery are upheld at all times. The key objectives being in setting new benchmarks in the field of Process Safety to streamline our processes, strike a good balance between processes and safety thus enhancing safety and productivity.

## INTERNATIONAL Women's Day PHOTO CONTEST



**OPEN TO ALL KR EMPLOYEES AND FAMILY MEMBERS. YOU CAN SEND UPTO 2 PHOTOS TO [winwithkr@gmail.com](mailto:winwithkr@gmail.com)**

**Mail with your name, badge number and contact number. Family members have to mention name and badge number of employee.**

**THEME : MY TREASURE**

**LAST DATE : 20 MARCH 2022**

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important as  
Physical Health*



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## 35 years



**Sarah Thomas**  
HR



**Venugopal MP**  
Maint



**Sunil Kumar N**  
OM&S

## 25 years



**Gopalakrishnan T**  
OM&S



**Jayakumar B**  
P&U



**Shaji Kuriakose**  
P&U

## VACCINATION CAMP

A vaccination camp was organised for employees and contract staff at the Ambalamugal Medical Aid Society on 04 February 2022 for completing 1st and 2nd doses of vaccination



*Happy Birthday*

WISH KOCHIREFINERS CELEBRATING THEIR SPECIAL DAY IN MARCH 2022.

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



# SUPERANNUATION

BEST WISHES TO OUR COLLEAGUE SUPERANNUATING THIS MONTH



**Saju Thomas** joined the organization in the Maintenance Department in 1982 and is retiring from the E&C department.



**Vasudevan P** joined the organization in the Maintenance Department in 1982 and is retiring from the same department.



**Sreekumar R S** joined the organization in the Finance & Accounts Department in 1984 and is retiring from the Finance department



**Sasikumar K P** joined the organization in the Projects Department in 1986 and is retiring from the E&C department



**Jacob C Mathew** joined the organization in the Projects Department in 1986 and is retiring from the E&C department



**Sunil Kumar N** joined the organization in the HR Department in 1987 and is retiring from the OM&S department.



**Venugopal M P** joined the organization in the HR Department in 1987 and is retiring from the Maintenance department.



**Varghese Paul K** joined the organization in the Maintenance Department in 1987 and is retiring from the same department



**Ramakrishnan P** joined the organization in the Materials Department in 1988 and is retiring from the CPO(KR) department.



**George Joy P X** joined the organization in the HR Department in 1988 and is retiring from the CPO(KR) department



**Udayakumar T** joined the organization in the Manufacturing Dept in 1996 and is retiring from the same department



**Rajendran K G** joined the organization in the Medical Centre, HR in 1996 and is retiring from the HSE-OHC Dept.



## MASTI BHARI KOCHI-THEKKADY

Being a couple who loves traveling around the world and India, Corona was the deadly enemy who literally changed our colorful and multi-dimensional life to black and white and monotonous. And, here we are in God's own country KERALA, a state filled with so many attractions. Kerala has something for every kind of traveller. From thrilling adventure activities to houseboats, from mesmerizing hill stations to romantic beaches, from temples to pubs, from amusement parks to wildlife, Kerala has it all.

Last February, Anshu and I drove down to a superb destination situated at the border of Kerala and Tamil Nadu - Thekkady. Taking its name from the multitude of Teak trees, Thekkady is near the Periyar National Park and close to the small town, Kumily. The names Thekkady and Kumily are often mistaken as one. In fact, Thekkady is where the Wildlife Sanctuary is located and Kumily is the place where we normally stay; both are just 2 -3 kms apart. Thekkady is a 170 kms drive from Cochin and it takes approximately 5 hours to reach there. The entire route is very scenic and you are feasted to soothing greenery and beautiful architecture.

Thekkady is a 170 kms drive from Kochi and it takes approximately 5 hours to reach there. The entire route is very scenic and you are feasted to soothing greenery and beautiful architecture.

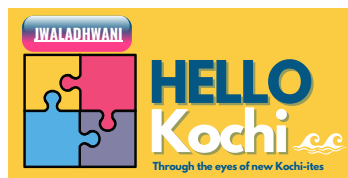
Setting out at about 9.00 am after breakfast, we reached around 3.00 pm and headed straight for a boat ride that took us right around the Wildlife Sanctuary through the Periyar Lake. To see the wild animals during this boat ride, one needs to be very quiet. The Mullapperiyar Dam is the other wonder sight on this boat ride. Let me also add, the Dam and the Periyar wildlife sanctuary can be seen only on the boat ride and cannot be accessed by road.

Once you enter the Tiger reserve, you can see a temple and moving forward, you get to the boating area. The nature walk and the boat ride are the *must-takes* at Thekkady. There are three hotels inside this reserve; *KTDC Lake Palace*, *KTDC Aranya Nivas* and a budget hotel *KTDC Periyar House*. If your stay is in any of these hotels, make sure you reach the hotel before 5PM, as the entry gates will be closed after this.

After the lovely boating we decided to spend our evening with *Kathakali & Kalaripayattu* show followed by dinner. Most of the hotels in Thekkady are in the town itself and only a few require additional travelling. Make sure you select your preferences at the time of booking itself. Some resorts at Thekkady have Tree houses and vast grounds that you can roam around inside the resort itself.

On day two, we set out for the Jungle Safari early in the morning through the Gavi village. Gavi's evergreen forests are abundant with wildlife and over 250 species of birds. There was hardly any road and the bumpy jeep ride on a chilly morning was absolutely thrilling! We recollect each and every moment even now. We also went on the nature walk which is a guided two-hours walk inside the Periyar Tiger reserve. For the rest of the day we explored the local area and most importantly, shopping. On our last day, we explored the spice garden, tree plantation and Ramakkalmedu.

A drive down to Thekkady, is thrilling, soothing and satisfying. To us it was a beautiful trip, that took us very close to Kerala's scenic wonders. I recommend that one should visit the place at least once when you are single, double and also with the extended family. Thekkady is my guaranteed pick for wonder spots near Kochi!



Akash Shukla, SM (IS) wins a cool USB to preserve his exciting travel memories. Thanks for sharing this one with JwalaDhwani.



## HAATS OF CRS

'HAATS OF CRS' is a project launched to honour the alumni achievers of Cochin Refineries School for their commendable achievements in various walks of life. On 10 February 2022, CRS hosted its 8th HAATS of ceremony on online platform, to honour Ms. Marina George, Principal General Manager and Financial Advisor, BSNL, Karnataka. The occasion also witnessed the reunion of the former teachers and students of CRS. Ms Marina George in her address speech reminisced about her school days and gave an insight into her life and career. The interactive session with the chief guest proved to be an interesting and inspiring one



## VACCINATION TIME

More students join the vaccination drive to reduce the risk of contracting the virus as well as restrict the spread of the COVID virus. The vaccination camp was organised on 14 January 2022.



## CRS TRIBUTE TO THE NIGHTINGALE OF INDIA

The 'Symphony Music Club' of CRS organised a special event to pay tribute to the veteran singer, late Lata Mangeshkar. Students and teachers sang songs of the 'Nightingale of India' commemorating the contributions made by the legend in Indian Music. A video on the life and career of Lata Mangeshkar was created and presented by the members of the club. Chief guest Professor Dharmatheertham, RLV College of Music and Fine Arts, addressed the students. The online programme was organised on 12 February 2022.





# SAVE TIME.

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