



ज्वालाध्वनि
AUG 2026
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JWALADHWANI

ENERGISING KOCHI REFINERY



INDEPENDENCE DAY

15 AUGUST 2026

80 YEARS OF
FREEDOM
PROGRESS
& PURPOSE

MEGA LAUNCH BY
BPCL IN KOCHI

NEW PRODUCT & MOU

KOCHI REFINERY SHINES
WITH MORE AWARDS

MILESTONE YEAR





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A month of absolute pride!

August arrives with the spirit of freedom, reflection and renewal. As India celebrates its 80th Independence Day, the occasion invites us not only to remember the journey of our nation, but also to reflect on the responsibility each of us carries in shaping its future. We also take pride in our role as responsible members of BPCL Kochi Refinery towards fuelling the nation's progress.

This edition of JwalaDhwani brings you some of the finest moments that have defined BPCL as a leader in innovation, with the product launch and MoUs signed in the month of July 2026. Likewise we are proud to share about the shining awards bestowed on Kochi Refinery.

This sepcial edition brings you several Diamond Jubilee moments, that demonstrate how Kochi Refinery is creating an impact, whether through Swachhata initiatives, youth development, education, community engagement or employee connect, these efforts reinforce an important truth, that our contribution to society extends far beyond the products we produce.

We also have a special greeting for the CR School on the 60th Foundation Day which is being celebrated on 11 August 2026. All this and more for a spectacular edition of *JwalaDhwani*.

Wishing you a very Happy Independence Day!

Warmly,
Johnson K
GM (Admn & Brand) & Editor.

**LinkedIn**

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BPCL SIGNS MOU WITH FACT

BPCL has signed a long-term Memorandum of Understanding (MoU) with The Fertilisers and Chemicals Travancore Limited (FACT), marking a new milestone in this enduring partnership.

The MoU was signed by Mr. Sujeet Jayarajan, State Head, BPCL, and Mr. Jayanthan B, CGM Materials, FACT, in the presence of Mr. Sanjay Khanna, Chairman & Managing Director BPCL; Mr. V. R. K. Gupta, Director (Finance), BPCL; Mr. Subhankar Sen, Director (Marketing), BPCL; Mr. Manoj Menon, Executive Director (I&C Solutions), BPCL; Mr. Chacko Jose, Executive Director (Kochi Refinery), BPCL; Mr. Tarun Kumar, CGM - Sales & Strategy (I&C Solutions), BPCL; and Mr. S. Sakthimani, Chairman & Managing Director, FACT in Kochi on 12 July.



The agreement for the supply of Sulphuric Acid from Kochi Refinery paves the way for the establishment of **BPCL's first Sulphuric Acid Plant**, making BPCL one of the select few refineries in India to produce Sulphuric Acid.

This milestone reflects BPCL's commitment to delivering customer-centric solutions, strengthening industrial partnerships, and supporting India's growth journey.

BPCL LAUNCHES BEPOLY ENTERS HIGH-PERFORMANCE POLYMER BUSINESS

BPCL has unveiled BEPOLY, marking its entry into high-performance polymers and expanding its petrochemical footprint. Leveraging its refining strengths, the brand will produce high-value materials to fuel India's manufacturing sector and lower import dependency. future.



At the launch in Kochi on 11 July, the senior leadership - CMD Mr. Sanjay Khanna, Director (Finance) Mr. V.R.K. Gupta, Director (Marketing) Mr. Subhankar Sen, and Director (HR) Mr. Pushp Kumar Nayar-highlighted that the initiative drives value creation, early market rollout, supply chain efficiency, and future-ready workforce capabilities.

With BEPOLY, BPCL advances its "Beyond the Molecule" vision to shape India's materials future.



BPCL INTRODUCES BHARATGAS LITE ZIP

BPCL has launched Bharatgas Lite ZIP, a premium LPG offering designed to deliver a faster, smarter and more convenient customer experience. The product was launched by Mr. Sanjay Khanna, Chairman & Managing Director, BPCL in the presence of Mr. Subhankar Sen, Director (Marketing), BPCL. Combining Instant New Connection with Express Delivery, Bharatgas Lite ZIP is built around the lightweight Bharatgas Lite composite cylinder, offering easy handling, a corrosion-free body, visible LPG level, enhanced safety and a modern design. Designed for today's fast-paced lifestyles, it delivers a seamless and premium LPG experience.

Launched initially in Mumbai, Bharatgas Lite ZIP will be expanded to 100 additional cities across 24 states by 15 August 2026, bringing its premium features and customer-first experience to more households across the country.

BPCL & AKASA AIR SIGN MOU FOR SAF ADOPTION

BPCL and Akasa Air sign strategic MoU to advance Sustainable Aviation Fuel (SAF) adoption in India. The MoU was signed by Mr. Sujit Kumar, Chief General Manager - Marketing (Aviation), BPCL, and Mr. Ankur Goel, Chief Financial Officer, Akasa Air, in the presence of Mr. Subhankar Sen, Director (Marketing), BPCL, and Mr. Sanjeev Kumar, Business Head - Aviation, BPCL.

The partnership will strengthen India's Sustainable Aviation Fuel (SAF) ecosystem by enabling SAF-blended Aviation Turbine Fuel (ATF) adoption and supporting the aviation sector's transition towards a more sustainable future.



EMPOWERING PROCESS SAFETY CULTURE IN KOCHI REFINERY



Dear Colleague,

As we move forward in our *Process Safety* journey, our focus must be on achieving world-class performance. We will benchmark our Process Safety Management framework against global best practices and adopt a risk-based approach, giving priority to the most critical major accident scenarios through robust Barrier Health Management.

We must strengthen our operating discipline by ensuring that written procedures are consistently practiced in the field. At the same time, visible leadership, workforce engagement, and personal ownership must drive a strong and proactive process safety culture.

The insights from our *Safety Perception Survey* will help us address behavioural gaps and build greater trust across the organization. We will support this with SMART action plans, strong governance, and meaningful Process Safety KPIs to monitor our progress.

Through continuous improvement, competency development, and disciplined execution of our PSM framework, I am confident that together we will achieve our vision of Zero Injuries, Zero Process Safety Incidents, and Zero Accidents.

Let us all make process safety a core value in every decision we take.

Warmly,

Chacko M Jose
Executive Director (Kochi Refinery)

Process Safety is *Our* Culture

Think | Understand | Act | Care

Safe today. Reliable tomorrow.
Excellence every day.



Be Aware

Stay alert to hazards and risks



Follow Standards

Do it right.
Do it safe.



Speak Up

Report, discuss, and learn



Take Ownership

Safety is everyone's responsibility



Work Together

Collaborate for safer outcomes



Care for People and Environment

Protect what matters most

Strong Process Safety Culture builds Trust, Reliability and Sustainability



DIRECTOR (MARKETING) VISITS BPCL'S FIRST CBG PLANT AT KOCHI

Kochi CBG Plant will serve as a " Model CBG plant " and a benchmark for the development, commissioning, and operation of BPCL's upcoming CBG plants across India - Director (Marketing), BPCL.

Director (Marketing) visited BPCL's Compressed Biogas (CBG) Plant at Kochi on 11 July 2026 to review the progress of the BPCL first CBG facility in India. During the visit, he commended the project and operations teams for their dedicated efforts in successfully establishing and commissioning the plant.

He highlighted the project's strategic significance in strengthening BPCL's bioenergy portfolio, transforming municipal waste into clean energy, and contributing to the Government of India's vision of a circular economy and a sustainable energy future.

Director (Marketing) was accompanied by Mr. Anurag Saraogi, Executive Director (Biofuels), Mr. Inderjit Singh, Chief General Manager (Biofuels), and Mr. Santhosh Kumar Varshney, General Manager (Biofuels). Mr. Vinod P. L, General Manager (OM&S) BPCL Kochi Refinery, Mr. Selukar NS, Head (Retail) South, Mr. Hairkishen V R, State Head (Retail) Kerala, Mr. Mohan Varkey, Deputy General Manager (Engineering & Construction), and Mr. Joseph Rajan, Chief Manager (OM&S), were also present.

The visit served as a great source of encouragement and motivation for the project team, reaffirming BPCL's commitment to operational excellence, innovation, and the expansion of its biofuels portfolio in line with the nation's sustainability goals.





ED (KR) MEETS CHIEF MINISTER, HIGHLIGHTS PROJECTS AND CSR INITIATIVES

Reinforcing BPCL Kochi Refinery's commitment to Kerala's industrial growth and social development, Mr. Chacko M. Jose, Executive Director, Kochi Refinery, met the Hon'ble Chief Minister of Kerala to discuss the refinery's ongoing expansion projects and its impactful Corporate Social Responsibility (CSR) initiatives across the State.

During the meeting, ED(KR) presented an overview of Kochi Refinery's upcoming Sulphuric Acid Plant and Polypropylene Project, highlighting their strategic importance in strengthening the refinery's capabilities and supporting Kerala's industrial and economic progress.

He also shared details of BPCL Kochi Refinery's flagship CSR programmes that continue to make a meaningful difference in communities across Kerala. These include *Project Roshni*, which provides educational support to children of migrant labourers in nearly 50 schools; the *First Meal Scheme*, serving nutritious breakfasts to around 45,000 schoolchildren in and around Ernakulam; the *Compressed Biogas (CBG) Project* at Brahmapuram; the construction of an *Amenity Centre at the Cochin Cancer Care Society*; and the initiatives of the *Skill Development Institute*, which focus on enhancing youth employability through industry-oriented training.

Appreciating Kochi Refinery's contributions to the socio-economic development of the State, the Hon'ble Chief Minister lauded BPCL's sustained efforts in community development and assured the Government's continued support for the refinery's future projects and initiatives.

As part of the visit, Mr. Chacko also held discussions with senior Government officials, including Mr. Biswanath Sinha, IAS, Chief Secretary; Mr. A.P.M. Mohammed Hanish, IAS, Additional Chief Secretary (Industries); Mr. K.R. Jyothilal, IAS, Additional Chief Secretary (Finance); and Mr. Shanavas S., IAS, Special Secretary, Local Self Government Department. The interactions focused on enhancing collaboration in industrial development, sustainability, infrastructure, and community welfare.

The Executive Director also felicitated Mr. Sooraj Krishnan R. on his recent appointment as Director of Factories & Boilers, Government of Kerala, conveying his best wishes for a successful tenure.

The meetings reflected the strong and enduring partnership between BPCL Kochi Refinery and the Government of Kerala, reaffirming a shared commitment to driving sustainable industrial growth, fostering innovation, strengthening skills, and creating lasting value for society.

Mr. Meganathan N., General Manager (HR), and Mr. Vinod T. Mathew, Senior Manager (PR), accompanied the Executive Director during the meetings.



BHARAT PETROLEUM CORPORATION LIMITED - KOCHI REFINERY



GRPC 2006 AWARD

LEADERSHIP IN FUTURE-READY REFINING AWARD FOR KOCHI REFINERY

We are honoured to share that Kochi Refinery has received the prestigious "Leadership in Future-Ready Refining Award" at the Downstream India Excellence Awards 2026, held during the Global Refining & Petrochemicals Congress (GPRC) 2026.

The award was presented by Padma Shri Professor Dr. G.D. Yadav to Shri N. Chandrasekhar, Executive Director (Refineries Coordination), and Shri Ravindra K. Kubade, Chief General Manager (Operations), Kochi Refinery, along with officials from Group Refineries.

This recognition highlights Kochi Refinery's leadership in innovation, sustainability, digital transformation and operational excellence, while advancing a future-ready energy ecosystem. The achievement reinforces our commitment to building resilient energy infrastructure and driving sustainable growth through innovation.



GOLDEN PEACOCK AWARD

KOCHI REFINERY BAGS GOLDEN PEACOCK AWARD FOR ENERGY EFFICIENCY 2026

BPCL Kochi Refinery has been honoured with the Golden Peacock Award for Energy Efficiency 2026 in the Oil & Refining Sector, reaffirming its commitment to energy excellence, operational efficiency, and sustainable refining practices.

On behalf of BPCL, the award was received by Mr. Arunkumar C.R., GM (Technical); Mr. Jaimon K.B., DGM (Manufacturing II); Mr. Koteswara Rao G., DGM (Optimization); and Mr. Nitin Dorlikar, Chief Manager (Energy) from Hon'ble Chief Justice Sunita Agrawal of Gujarat High Court, at GIFT City, Gandhinagar on 03 July 2026.

Mr. Nitin Dorlikar, presented the case study on Energy Excellence at Kochi Refinery, highlighting the refinery's achievements in energy conservation, process optimization, digital monitoring, and continuous improvement at the awards ceremony instituted by the Institute of Directors.

The Golden Peacock Awards for Corporate Leadership and Institutional Excellence have become a distinguished symbol of excellence both nationally and internationally and this prestigious recognition reflects the dedication and collective efforts of Team Kochi Refinery in advancing energy efficiency and sustainable operations.





DIAMOND JUBILEE, DIAMOND HONOUR

KOCHI REFINERY'S THREE CONSECUTIVE NAMC GOLD WINS CULMINATE IN THE COVETED DIAMOND TROPHY

In a fitting tribute to its Diamond Jubilee year - Kochinoor, BPCL Kochi Refinery has achieved yet another milestone by winning the prestigious NAMC Diamond Trophy, the highest recognition conferred by the International Research Institute for Manufacturing (IRIM) for organizations that secure the National Awards for Manufacturing Competitiveness (NAMC) Gold Medal for three consecutive years.

The coveted Diamond Trophy crowned a remarkable performance at the 12th National Awards for Manufacturing Competitiveness (NAMC 2025-26), held in Mumbai, on 17 July 2026, where Kochi Refinery also received the NAMC Gold Medal and the AatmaNirbhar Factory Award, completing a memorable triple honour.

The awards were received on behalf of Kochi Refinery by Mr. Jomy Sebastian, Chief General Manager (Engineering & Asset Services) and Mr. K. Raghavan, General Manager (Maintenance). The NAMC Gold Medal follows a rigorous three-day assessment by the NAMC Evaluation Team, which evaluated the refinery across ten critical dimensions of manufacturing excellence, including production quality, operational efficiency, future readiness, digital maturity, innovation and supply chain responsiveness. The recognition reflects Kochi Refinery's sustained focus on operational excellence, technology adoption and continuous improvement.

The AatmaNirbhar Factory Award recognizes manufacturing organizations that exemplify self-reliance through indigenous capability development, resilient supply chains, technological advancement and globally competitive manufacturing practices. Kochi Refinery earned the honour based on its presentation before a distinguished jury chaired by Padma Mr. Dr. Mylswamy Annadurai, renowned as the Moon Man of India.

The triple recognition is a proud addition to Kochinoor, the year-long celebration of Kochi Refinery's 60-year journey. More than an award, the Diamond Trophy symbolizes a culture of excellence that has been built over decades through the dedication, innovation and commitment of every Kochi Refinery employee. As the refinery celebrates its rich legacy, these national honours reaffirm its readiness to shape the future of manufacturing and energy with the same spirit of excellence.



STUDY VISIT OF PARLIAMENTARY STANDING COMMITTEE ON WATER RESOURCES TO KOCHI

The Parliamentary Standing Committee on Water Resources held discussions on 'Assessment of Industrial Effluent Discharge, Ground Water and Surface Water Contamination and Water Sustainability Concerns arising from the Petrochemical Industries' with the senior management team of BPCL in Kochi on 01 July 2026

The 18-member Standing Committee was led by Chairperson and Hon'ble MP Mr. Rajiv Pratap Rudy. During the study visit to Kerala, the Standing Committee reviewed various organisations on specific subjects in separate meetings organised in Munnar and Kochi, during 29 June - 1 July. Post the BPCL review on 01 July 2026 the Committee appreciated the proactive steps adopted by BPCL towards maintaining the quality standards of effluents and in conserving the environment. Mr. Kapil Verma, Director, represented Ministry of Petroleum & Natural Gas, Govt. of India and Mr. APM Mohammed Hanish IAS, Additional Chief Secretary (Industries), represented on behalf of Govt of Kerala for the review with BPCL. The BPCL delegation was led by Mr. Chacko M Jose, Executive Director (KR). Also present from BPCL Kochi Refinery were Mr. Meganathan N, General Manager (HR), Mr. Johnson K, General Manager (Admin & Brand), Mr. CD Mahesh, General Manager (Petchem), and Mr. Suresh KS, Dy. General Manager (Environment).

In addition to the technical presentation on the points of discussion raised by the Standing Committee, BPCL also presented a short documentary on Kochi Refinery - Water stewardship and Environment Sustainability.

NEW BENCHMARK SET IN TREATED WATER RECYCLING AT KR ETPS

Kochi Refinery has achieved a significant milestone in the recycling of treated water to RODM since the commissioning of ETP-5 in JUNE 2017. The total volume of treated water recycled from Effluent Treatment Plants (ETPs) to RODM during the month of JULY reached 6,58,778 kl. Consequently, RODM recycle reached 7,28,171 kl a new highest record for the month of JULY-2026. The previous highest recycle water quantity to RODM was 6,20,558 KL in JUNE -2026. This milestone was celebrated at ETP-5 Control room on 31 July with all stakeholders including operations, maintenance, electrical, instrumentation, environment, and operation contractor team. The occasion was graced by Mr. Ravindra K Kubade, CGM(O), along with Mr. Vinod P L, GM (OM&S) and other senior dignitaries.





CLEANLINESS IN ACTION, YOUNG MINDS IN MOTION

Around 1,400 young minds came together to celebrate cleanliness, care for nature and healthy living as BPCL Kochi Refinery marked Swachhata Pakhwada 2026 with an engaging programme at Amrita Vidyalayam on 9 July 2026.

The programme was inaugurated by Mr. Suresh Gopi, Hon'ble Minister of State for Petroleum and Natural Gas, in the presence of Mr. Chacko M. Jose, Executive Director, BPCL Kochi Refinery. The event brought together awareness, action and entertainment through a Swachhata awareness session, plantation drive, magic show and distribution of hygiene kits.

Leading the awareness session, Mr. Rajeev R., Senior Manager (CSR), BPCL Kochi Refinery, emphasised the importance of cleanliness, responsible waste management and environmental stewardship in everyday life.

The plantation drive encouraged students to become ambassadors of environmental conservation, while hygiene kits reinforced the importance of personal cleanliness and healthy practices. The magic show added an element of fun, creatively reinforcing the message of Swachhata and environmental responsibility. With enthusiastic participation from students, teachers and dignitaries, the initiative emerged as one of the flagship events of Swachhata Pakhwada 2026, inspiring young minds to turn the message of cleanliness into everyday action. Swachhata programmes were also organised across the state in many schools and colleges during the fortnight spearheaded by the KR CSR team.





COASTAL CLEAN-UP DRIVE IN KOCHI

As part of Swachhata Pakhwada 2026, BPCL Kochi Refinery organised a Coastal Clean-up Drive and Swachhata Awareness Programme at Chellanam and Fort Kochi in July 2026 to promote environmental cleanliness, responsible waste management, and community participation in coastal conservation.

The programme was inaugurated by Mr. N. Meganathan, General Manager (Human Resources), BPCL Kochi Refinery. The awareness session was conducted by Mr. Rajeev R., Senior Manager (CSR), Kochi Refinery, who emphasized the importance of cleanliness, responsible waste disposal, and protecting coastal ecosystems. Around 350 participants took part in these clean-up drive actively contributing to the removal of waste from the coastal area and raising awareness about environmental stewardship. The programme concluded with a collective commitment to maintaining clean and sustainable coastal environments.



GM(HR)
inaugurates
Swachhata
Cleaning Drive in
Kochi

KEEPING ATHIRAPPILLY CLEAN & GREEN

Kochi Refinery organised a Clean-up Drive and Hygiene Kit Distribution Programme at Athirappilly-Vazhachal during the Swachhata fortnight promoting cleanliness, responsible waste management and sustainable tourism.

The programme was inaugurated by Mr. Rajeev R., Senior Manager (CSR). Mr. Mohammed Nizar, Assistant Executive (CSR) was also present. An awareness session was also conducted highlighting the importance of reducing litter, protecting biodiversity and preserving natural habitats.

Around 70 participants joined the clean-up drive, while hygiene and sanitation materials were distributed to support the initiative. The programme reinforced the collective commitment to keeping Kerala's ecologically sensitive landscapes clean and sustainable.





BARRIER HEALTH MONITORING SYSTEM LAUNCHED TO STRENGTHEN PROCESS SAFETY

In a significant step towards strengthening process safety and operational excellence through digital transformation, KR Team has successfully developed and launched the KR's Barrier Health Monitoring System—an innovative real-time monitoring platform designed to proactively safeguard the KR's most critical risk scenarios. Mr. Chacko M Jose (ED-KR) inaugurated the new system in the presence of Mr. Ravindra K Kubade, CGM(Ops), Mr. Vishwas Khobragade, CGM (Tech), Mr. Jomy Sebastian, CGM(E&AS), Mr. Roshan Shihab, GM(HSE) and members from HSE and the development team team on 31 July.

Driving Process Safety Through Digital Innovation

As part of the Qualitative Risk Assessment (QRA) conducted across all KR process units, multidisciplinary teams systematically identified the most critical accident scenarios representing the highest risks to KR's operations. Although these scenarios are low in frequency, their consequences can be catastrophic, with the potential to impact personnel safety, the environment, business continuity, and the organization's reputation.

To prevent such events, key operational parameters were identified as critical barriers. These barriers form the first line of defence, ensuring that the likelihood of high-consequence events remains as low as reasonably practicable.

Recognizing the need for continuous visibility and proactive intervention, KR leadership envisioned a digital solution to transform process safety monitoring. The result is the KR's Barrier Health Monitoring System, initially developed and deployed for the PDO unit of PDPP and PFCC unit of IREP.

The platform seamlessly integrates real-time process data with critical risk scenarios to provide a comprehensive view of scenarios health. Its key capabilities include: (1) Real-time monitoring of barrier health for critical accident scenarios. (2) Unit-wise visualization of scenario health and associated risk levels. (3) Early identification of critical vulnerabilities requiring immediate attention and (4) Integration of live Work Permit information and prevailing unsafe conditions, significantly enhancing safety awareness across the workforce.

At the inauguration, ED-KR commended the team's ability to rapidly translate strategic intent into a high-impact digital solution delivering tangible value to refinery operations. Recognizing its potential to strengthen process safety, enhance risk visibility, and improve operational reliability, he recommended its horizontal deployment across all KR units. "More than the launch of a digital platform, this initiative reflects KR's commitment to leveraging digital innovation to strengthen process safety, empower informed decision-making, and build a safer, smarter, and more resilient refinery," he said.



The successful development and deployment of the system was made possible through the dedicated efforts of Mr. Dhanush P(Digital), Mr. Aditya S (Petchem), Mr. Nandhu Girish (Mfg-2), Mr. Rajesh ER (PSM), Ms. Vidhya KV (IS), Mr. Vibhav Kumar Sah(IS), Ms. Hemavardhini Y(IS), Mr. Zakir Ahmed (Maintenance) and Mr. Rahul R (Maintenance), whose contributions were instrumental in conceptualizing, designing, and implementing the solution.



SAMVYAKTI

EXPRESSING IDEAS.
EMPOWERING PEOPLE.
ENRICHING TOMORROW

LAUNCH OF BUSINESS PLAN CASCADE INITIATIVE

In line with the vision of Chairman, BPCL to strengthen employee connect with the Company's strategic direction and business priorities, Kochi Refinery HR Team has conceptualized and launched SAMVYAKTI, a structured employee engagement and business communication initiative to cascade the Refinery Business Plan and key organizational priorities to every workman of Kochi Refinery.

The inaugural session was organised on 01 July 2026 for Manufacturing-II. The session was attended by the Department Head, Manufacturing-II, Section Heads and members of the HR Team.

The programme covered FY 2025-26 performance, FY 2026-27 Business Plan, HR and CSR, initiatives, Safety, HSE, PSM, Reliability, Operational Excellence, Road Safety, Energy, Conservation, Sustainability, P&L, and the impact of macro-economic and geopolitical developments.

Employees were connected to the larger organizational purpose by demonstrating how individual contributions influence unit performance, refinery profitability and BPCL's contribution to national energy security.

SAMVYAKTI is being rolled out across Kochi Refinery to cover all workmen, strengthening business awareness, collaboration, ownership and organizational alignment.

भारत सरकार
MINISTRY OF CULTURE

Har Ghar Tiranga

Dedicated to the Spirit of Vande Mataram

9 to 17 August 2026

Let us join the national movement to honour the freedom fighters whose courage & sacrifice shaped India's freedom

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Upload 'Selfie with Tiranga' & pay tribute to Vande Mataram on harghartiranga.com





MT CONNECT - ONEORG LEARNING OFF TO A PROMISING START AT KOCHI REFINERY

BPCL Kochi Refinery's newly launched MT Connect - OneOrg Learning initiative has made a promising start, creating an engaging platform for Young Officers of BPCL-KR to showcase their departments, projects, processes, challenges, and professional journeys, while fostering a deeper understanding of the refinery's diverse functions and strengthening presentation, communication, and stakeholder engagement skills.

Inaugurating the programme, Mr Ravindra K. Kubade, Chief General Manager (Operations), encouraged the young officers to learn from one another and make the most of Kochi Refinery's knowledge-rich, curiosity-driven culture. Mr Karthikeyan P. G., Chief General Manager (Projects), Mr Vinod P. L., General Manager (OM&S), and Mr Rajeev K., Deputy General Manager (OM&S), also addressed the gathering, appreciating the initiative and motivating the trainees to actively participate.

The inaugural session, held on 29 July 2026, featured presentations by Mr. Prakhyath N Shetty and Mr. Danish Mohammad from the OM&S Department, who provided valuable insights into their department's operations, real-life experiences, and practical challenges, embodying the spirit of cross-functional learning envisioned under the initiative.

The session witnessed enthusiastic participation and lively interactions, setting a strong foundation for what promises to become a vibrant peer-learning platform for young officers.



Danish Mohammad



Prakhyath N Shetty



SERVICE CITATIONS

35 YEARS



**RADHAKRISHNAN
K K - MFG II**

30 YEARS



**SIVAKUMAR R
TECH (PE)**



**ANIL P
PANICKER - E&C**



**ASHA G
FIN**

25 YEARS



**JAYACHANDRAN
N G - MAINT**



**VINOD KUMAR G
- MFG**



**EZHUMALAI V
MFG II**



**JISMON MATHAI -
PETCHEM**



**MATHEW
BENJAMIN / MFG**



**ANWAR T A
MFG II**



**SURESH C
MFG I**



**ANIL T
MFG I**



**PRASANTH P S
MAINT**



**ELDOSE T V
MFG II**



**BASIL T KURIAN
MFG II**



**SREEKUMAR N
P&U**



**SHIJU M DAS -
MFG**



**VIJEEESH V K
P&U**



**ALEXANDER C J
P&U**



**JAYARAJ E V
P&U**



**GEORGE K A
PETCHEM**



**BABY V D
P&U**



**ABHILASH S
P&U**

TAKE THE LEAD

Take the Lead: Listen. Empower. Develop was conducted on 02 - 03 July & on 23 - 24 July at BPLC Annexe Maradu. Senior Officers from various departments attended the training. The program is a mandatory workshop aimed at strengthening managers' capability to lead impactful developmental and performance conversations with confidence, clarity, and empathy. It is a focused, practice-intensive experience that prepares the employees for conversations that shape how the people develop.



BPLC
Growth through knowledge

COST ESTIMATION ON CETANE IMPROVER AT KOCHI REFINERY



Evaluating cost impact, sourcing strategies and value creation for enhanced fuel quality and operational efficiency.



COST OPTIMIZATION
Assessing total cost and savings potential



SOURCING STRATEGIES
Evaluating suppliers, pricing & contracts



OPERATIONAL IMPACT
Improved diesel quality & process efficiency



VALUE CREATION
Driving profitability through smart choices



ENHANCED FUEL QUALITY

Higher cetane number for better engine performance



COMPLIANCE & STANDARDS

Meeting BIS norms and customer expectations



TRANSPARENT ESTIMATION

Methodical approach for accurate and reliable costing



KOCHI REFINERY
FUELLING TODAY.
POWERING TOMORROW.

Kochi Refinery faced a critical supply disruption of Cetane Improver as existing vendor was unable to supply due to ongoing global geopolitical challenges. To ensure uninterrupted diesel production as per Government of India directives, KR urgently explored alternate sourcing options. A significantly higher budgetary quote from a new vendor triggered a detailed cost analysis using an index-based estimation approach. The final cost estimate closely matched the supplier's quoted price, validating the robustness of the methodology and strengthening internal confidence in analytical procurement practices and easy vendor negotiation process.

The scenario : Cetane Improver, primarily 2-Ethyl Hexyl Nitrate (2EHN), is a critical additive used to enhance the cetane number of diesel produced at Kochi Refinery, ensuring compliance with fuel quality standards. However, the contracted supplier was unable to supply due to global supply chain disruptions, creating an immediate supply risk. Given the Government of India's mandate to maintain uninterrupted diesel production and supply, Kochi Refinery faced a significant operational challenge, necessitating the urgent identification and evaluation of alternative suppliers to ensure business continuity while optimizing procurement costs.

The Problem : A new supplier was identified through market survey, but the budgetary quote of ₹290/kg was more than double the existing contract price. The challenge was to determine whether the revised price is justified based on market fundamentals and develop a scientific cost estimate to support commercial negotiation and decision-making

The Approach & Methodology: With the guidance and strategic direction provided by Head-CPO(KR), the Central Estimation Cell (CEC) was advised to avoid reliance on vendors budgetary quotations for cost estimation and instead adopt a more robust approach using relevant indices and market data. In line with this guidance, CEC engaged in detailed deliberations with the KR Technology team (User) and recommended to identify the primary constituents of the Cetane Improver along with their respective weightages (kg basis), utilize KR's in-house data for commodities manufactured within KR, and refer to appropriate indices such as WPI, Platts or other relevant market benchmarks for externally sourced commodities/cost components.

Accordingly, the Kochi Refinery Technology team worked closely with the concerned departments across the refinery, leveraging their technical and commercial inputs to develop a comprehensive and reliable cost estimation for the cetane improver. They based their estimations on KR in-house production data, WPI Index (Site of Economic Advisor, Govt of India) and Standard 3% annual escalation (CEC prevailing norms).

Key findings with the reliable data in hand revealed that the original budgetary offer of ₹290/kg was significantly inflated. Our internal Index-based recalculation revealed a realistic price increase of ~43%, and the final quoted price aligned very closely with internal estimate with a margin of only +1%.



The Outcome : The cost estimation methodology provided an accurate internal cost benchmark, which was subsequently validated against the market quotation received from an alternate supplier. This close alignment reinforced confidence in the refinery's index-based cost estimation approach, demonstrating its reliability as an effective tool for procurement decisions and commercial negotiations.

This case study demonstrates that an index-based, data-driven cost estimation approach can provide reliable and defensible pricing for complex specialty chemicals, enabling informed procurement decisions even during supply disruptions.

It also highlights the importance of validating supplier quotations through robust internal analysis, supported by close cross-functional collaboration among Technology, Central Estimation, CPO, and Finance teams. Most importantly, the exercise strengthened Kochi Refinery's preparedness to respond swiftly and effectively to unforeseen market and supply chain challenges.

The case demonstrates how a structured, index-driven cost estimation approach can effectively validate supplier pricing during uncertain market conditions. Kochi Refinery successfully mitigated supply risk while ensuring fair pricing, setting a benchmark for future strategic procurement decisions.

Authors :

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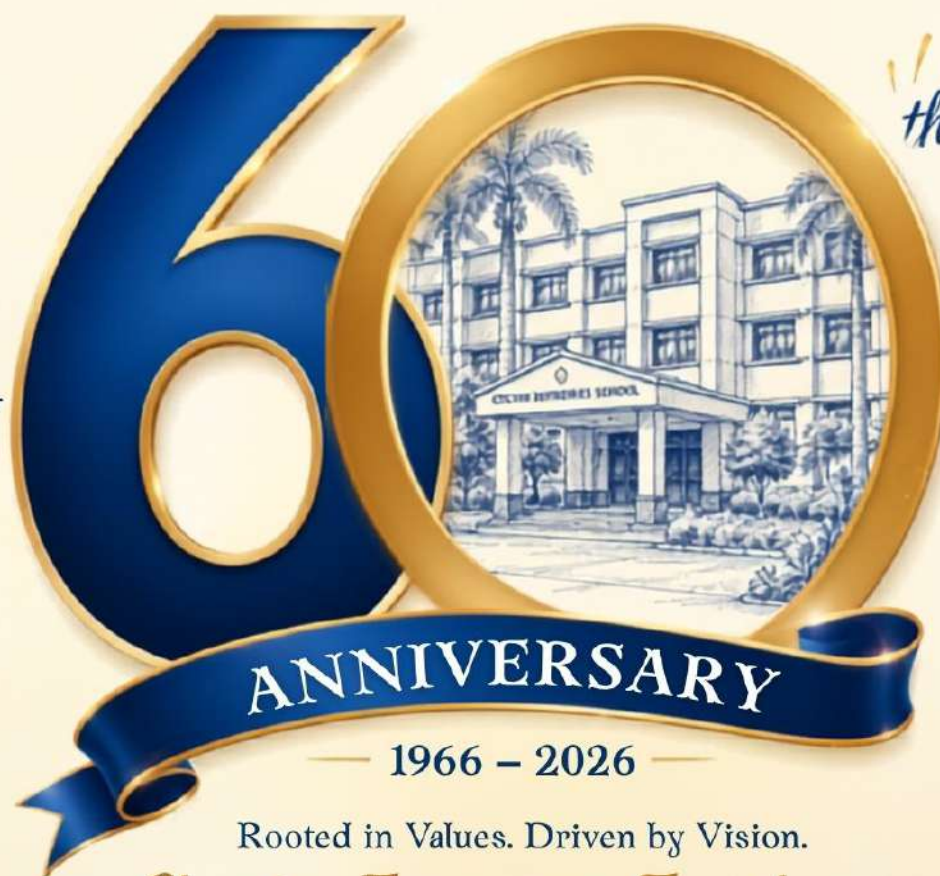
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Tradition is not merely preserved in museums—it lives through the hands that continue to create it.

Some passions begin as hobbies. Others become a lifelong mission. For Anuradha, her love for Kerala's traditional art forms has evolved into *Radheyam*—a heartfelt initiative dedicated to preserving the timeless beauty of handcrafted *Nettipattam* and *Alavattam*, two cherished symbols of Kerala's temple culture and festive traditions.

Inspired by the intricate artistry that adorns temple festivals, Anuradha began crafting these heritage pieces in her leisure time. What started as a creative pursuit soon transformed into a meaningful endeavour to keep an age-old tradition alive. Today, every *Radheyam* creation is meticulously handcrafted with patience, precision and a deep respect for Kerala's cultural legacy.

Each *Nettipattam* and *Alavattam* is carefully designed using quality materials, combining traditional craftsmanship with elegant finishing. Every creation reflects the splendour, devotion and artistic excellence that have been integral to Kerala's temple festivals for generations.



"Every handcrafted *Nettipattam* and *Alavattam* carries a piece of Kerala's soul. I hope to preserve this timeless heritage and share its beauty with generations to come."

– Anuradha



Anuradha today creates customised pieces in a variety of sizes for friends, home décor enthusiasts, collectors and admirers of traditional craftsmanship. Her handcrafted works are not merely decorative—they are expressions of culture, heritage and identity, carrying forward the stories and traditions of Kerala into contemporary homes.

For Anuradha, the true reward lies beyond the finished product. Her vision is to inspire appreciation for Kerala's traditional crafts and ensure that these treasured art forms continue to flourish for generations to come.

As she shares her journey through *JwalaDhwani*, Anuradha hopes her work encourages more people to celebrate and support the artisans who keep our cultural heritage alive. Through every handcrafted creation, she reminds us that tradition continues to thrive when nurtured with dedication, creativity and love..

Best wishes to Anuradha, d/o, Sobha Prabhu (Projects Dept). Follow for more on her YouTube channel, *Radheyam*

Did You Know?

Nettipattam is one of the most iconic symbols of Kerala's rich temple and festival traditions. It is the magnificent golden ornament that adorns the forehead of caparisoned elephants during temple festivals (Poorams), religious processions and other ceremonial occasions.



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