



JWALADHWANI



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Energising Kochi Refinery

Happy New Year



EDITORIAL

TOAST TO NEW LEARNINGS WISHING YOU A GREAT START IN 2024

It is indeed a year of new beginnings, this New Year. From an all new learning centre at Kochi to multi-crore Petrochemical and CBG projects, Kochi Refinery is all set for an extra-live and happening 2024. With the forecast that India's oil requirements are expected to continue witnessing a healthy rise in 2024 also, there is a lot of action in store for the petroleum industry.

New Year messages from our C&MD, Director (Refineries) and Executive Director (KR) take the prime space in this first edition of JwalaDhwani 2024 which brings you different perspectives of BPCL performance. We also bring you details of recognitions bagged in the highly specialized area of corrosion management at the first ever National Awards in this niche discipline.

We are delighted that we could host the senior leadership of BPCL in Kochi in the last month of 2023, at the milestone events that we have included in this edition. We also invite you to go through the links we have given in various reports to give you the full coverage of each story.

An important milestone we take pride with a greater sense of responsibility is the 82 Million accident free man-hours that we crossed in December 2023. From day one of 2024, we wish you safe and happy days, good health and prosperity at its best.

Warmly,
Editor

WHAT'S INSIDE

- 02. New Year Messages
- 07. New Projects
- 08. Cover Story
- 09. Awards
- 13. Project Aspire - Know More
- 16. People
- 17. School News
- 18. Campaign

Happy
New Year
2024



G Krishnakumar
Chairman & Managing Director

Dear Colleagues,

Happy New Year! The first sunrise of 2024 opens new vistas for us to leverage new possibilities, traverse exciting paths and celebrate new successes. And this leap year gives us 366 days to look forward to abundance of fulfillment.

BPCL has always been ahead of the curve in all initiatives so much so that we have shaped the market. I am thrilled that we have closed 2023 with historic firsts - a record half yearly profit of INR 19,052 crores and our transformative foray into Petrochemicals with the largest every capital outlay of INR 49,000 crores. The market too recognized our vastly differentiated endeavors as we achieved a market capitalization of INR 1.01 trillion significantly bolstering shareholder wealth by 36% during the calendar year. Top of Form With the rollout of Project Aspire - our 5-year aspirations and the associated investment plan of INR 150,000 crores, BPCL has firmly set its sights on a fulfilling future.

Our competitive space has been marked with disruptions with several market forces at play. The global landscape has been witnessing heightened geopolitical tensions, upswing in technology with widespread integration of generative AI & reinforcement in the drive for sustainability by world leaders in COP 28 and embracement of ESG by corporates as indices for performance and brand valuation. I am happy to see us up the game admirably. At the core of our successes has been our commitment towards adopting a business approach centred around people and processes towards promoting employee well-being, infusing young blood, and managing talent.

This year we also witnessed a dream association when the iconic cricket superstar Rahul Dravid joined hands with us as brand ambassador to take the brand promotion of "Pure for Sure" and "MAK Lubricants" to stratospheric heights. His sparkling charisma and street-smart sensibilities are capturing the imagination of audiences across the nation. It is a great opportunity for all of us to ride the crest of mass engagement that makes this magic the finest of its kind.

In the coming year, let us strive to maintain a proactive approach to our work, staying ahead of the curve even in the face of disruption. In 2024, our priorities should be centered upon executing our strategies. Our relentless pursuit of execution represents our true north. With our plans gathering momentum, our paramount objective should be swift and flawless execution across every facet of nurturing the core and future big bets, while ensuring the highest standards of safety & governance in all our activities.

Let your creative tension stretch itself beyond visible horizons and relentlessly carry forward this wonderful momentum with renewed enthusiasm, tugging at the heartstrings of our esteemed customers at every touchpoint, each time, and every time.

I am confident that together, we will continue to scale higher peaks, keep differentiating ourselves through our innovative value propositions and stay at the top of the mind of every fueling consumer.

With best wishes to you and your families for a prosperous and fulfilling new year!

KK

Happy
New Year
2024



Sanjay Khanna
Director (Refineries)

Dear Team,

As we bid farewell to one of the most remarkable years for BPCL, I want to express my deepest gratitude for your unwavering dedication and resilience. Once again, true to the spirits of 'BPCians', together we navigated global economic slowdown, crimping demand growth, volatile markets, operational hurdles and emerged stronger as a team.

BPCL recorded the highest ever PAT of Rs 19052 Crore in H1. This was abled by our highest ever half yearly throughput of 19.7 MMT and total sales of 25.6 MMT with highest GRM amongst PSU refineries. Dynamic changes to operating parameters and stringent monitoring practices aided us to process challenging crudes to optimize crude cost, this was one among the major contributors for success reflected above. With this, we've not only secured our own success but also contribute significantly to India's energy security and economic growth.

A remarkable year of Aspirations for BPCL, that accentuated the short term and long term financial and cultural aspirations of our company. Through 'Project Aspire' we shall continue to nurture our core businesses *Refining, Marketing and Upstream*, while making bold bets in *Petrochemicals, Gas, Green Energy Business, Nonfuel Retail and Digital ventures*. I'm excited to reiterate our unwavering commitment to these projects with a robust 1.5 lakh Crore investment over the next five years. From sapling to giant oak: 'Project Aspire' nurtures our ambitions of doubling profits and quadrupling the market cap.

During the year, we witnessed noteworthy achievements, including the foundation stone laid for Bina Petchem Refinery Expansion Project (BPREP) by Honorable Prime Minister for which BPCL has earmarked one third of its next five-year investments! And is easily the largest single point investment for our Company. By declaring FID of Rs ~5000Cr, we have also started yet another petrochemical project, poly propylene at KR. We have some more initiatives in the pipeline towards niche petrochemicals awaiting to be declared.

We made several significant innovations during the year, MR successfully produced import substitute Group III 100N Lube Oil, DAS splitter of LOBS unit was successfully commissioned and solvents D40/D80/D100 were made available to market. BPCL is the 5th producer in the world and the only producer of the product in India. Heavy oxo alcohol is one additional product added to KR petchem product portfolio from Oxo alcohol unit of Petchem complex at Kochi. BR achieved additional energy efficiency through initiatives like Micro-turbine installation in SRU and condensate recovery systems. CBG project at Kochi kickstarted with active support from local authority as a Green Initiatives of BPCL simultaneously will aid to alleviate the air pollution affecting the locality.

Happy
New Year
2024



Sanjay Khanna
Director (Refineries)

We have also commissioned 14MW Solar Power Project at BR. All these have facilitated to decreased Energy Intensity Index (EII) by 4 Number of each refinery, in comparison to respective figures of last year H1.

The year was remarkable! We had to, face the fury of Cyclone Biparjoy impacting crude supply at BR, delay in BR turnaround to meet products demand, faced lack of skilled manpower at MR turnaround, struggle with operational difficulties posed due to processing of challenging cheap Crudes, but we not only manage to wriggle out of the tough situation but also put on a stellar performance. The year also showed our advancements towards digitalization through use of RTLS systems, ODRs, corrosion control dash boards and AI/ML based predictive analytics. I'm confident that with the scale-up of these initiatives planned in the coming year, we will uncover new paths to optimize, innovate and contribute significantly towards reliability.

It is heartening to note that, staying true to our motto "Safety First Safety Must" we had no reportable fire incident or LTA in the time frame. It adds further joy that this feat was achieved whilst completing major turnarounds in the refineries. However, we shall not be complacent of this achievement and should be mindful of the near miss incidents that have occurred in the recent past. I'm sure, as always, my team will rise to the occasion and address the same to avoid recurrence.

It's also exciting to note that BR has won "Refinery of the Year' (Capacity < 9 MMTPA) by FIPI and 'Refiner of The Year' in Economic Times Energy Leadership Awards, while KR has won Refinery of the Year award (Capacity >9 MMTPA)' at FIPI Oil & Gas Awards 2022 and Gold Medal in the National Awards for Manufacturing Competitiveness (NAMC 2022) by International Research Institute for Manufacturing and MR won "The Golden Peacock Environment Management Award 2023 for best environmental practices and FICCI Industry 4.0 Award for Overall Digitalization Category.

I am confident that our spirit of unity and unwavering pursuit of progress will propel us to even greater heights. May the coming year be filled with abundant opportunities, groundbreaking discoveries, and a renewed sense of purpose as we chart our course towards a sustainable and prosperous. I once again extend my heartfelt wishes for a joyous and rejuvenating New Year to you, your team, and your loved ones. May the year ahead be filled with moments of shared success, personal growth, and a renewed commitment to building a brighter future for generations to come.

Best wishes,
Sanjay Khanna

Happy
New Year
2024



Abhai Raj Singh Bhandari
Executive Director (Kochi Refinery)

Dear Team,

At the outset my happiest wishes to each one of you for a grand New Year. We bid farewell to 2023 with much gratitude, as it has been a spectacular year of performance and bold new promises.

It is exciting to note that 2023 is bidding adieu with wonderful parting gifts. The prestigious Polypropylene (PP) Unit has received the final nod for activation at Kochi Refinery. The 400 KTPA PP Unit at Rs.5044 Crs will soon have a pride of place with other KR Units for producing various grades of Homo Polypropylene and thus increase the Petrochemical portfolio. BPCL's proposal for setting up a bio-methanation plant of 150 TPD capacity at Kochi by converting Biodegradable Waste into Compressed Bio Gas (CBG) has been welcomed by the Government of Kerala and the first unit is coming up by December 2024.

In fact, we set the year 2023 on a fast pace, improving our own records month after month. Firstly, we achieved the highest ever total petrochemicals production of 28.2 TMT and Butyl Acrylate production of 16.3 TMT breaking our own records, consecutively in the same year. We also added a brand-new product, Heavy Oxo Alcohol (Packed) to our product portfolio.

We had the 1500th tanker, berthing at our SPM and we also set the record of dispatching 5 million metric tons of Petcoke with the 1511th rake dispatch in August 2023. Two months down, we recorded the highest ever MS production of 385 TMT in Oct 2023 and then set the highest ever LPG production and evacuation of 112.6/109.6 TMT in Nov'23. Collaborating with the Corporate R&D Centre, we successfully completed the trial run and produced 4500 MT of Anode Grade Pet Coke at the Delayed Coker unit. The KSPPL LPG pipeline from the Refinery to Palakkad was also successfully commissioned in 2023.

The 82.0 million accident-free man-hours that we clocked on 14 December 2023, stands testimony to our continued commitment to the core mantra - Safety First, Safety Must with extra emphasis on this during planned and unplanned turnarounds.

Kochi, a destination with famed tourist locales is home to the largest PSU refinery and many other unique installations. With the Bharat Petroleum Learning Centre Annexe in Kochi, the ultra-modern state-of-the-art Learning Centre that was jointly launched recently by Director (HR) Shri Raj Kumar Dubey and Director (Refineries) Shri Sanjay Khanna, we have added a new destination to support industry wide knowledge quests.

Once again let us revel in the recognitions bestowed on the team in the year that went by. The Gold Medal in the National Awards for Manufacturing Competitiveness (NAMC 2022), 'Refinery of the Year (Capacity more than 9 MMTPA)' award at FIPI Oil & Gas Awards 2022 and National Awards for excellence in PSU in the categories of Corporate Social Responsibility, Digital Initiatives and Environmental Sustainability; endorsed by Business Leader of the Year Award, World HRD Congress. We were also very recently appreciated for the consistent and meritorious performance in energy conservation at the National Energy Conservation Awards 2023, by the Bureau of Energy Efficiency (BEE). Kudos on the recognitions received both in individual and team categories, at the first National Awards for Corrosion Management, instituted by the Confederation of Indian Industry in association with Niti Ayog.

With big wins and small, our aspirations as a team have gained more focus with BPCL's Project Aspire and we have now to tread deeply focused on it. Each of us have immense contributions to make and be a part of that bigger picture envisaged for our company by doubling profits and quadrupling market capitalisation in the next five years. My wish to you is to enjoy the journey and the process, for we are all in it together, as a team born to win; and win together.

My best wishes to you and your family for a safe, healthy, joyous, and prosperous New Year.

Sincerely,
Abhai Raj Singh Bhandari

RS. 5044 CRORE FOR POLYPROPYLENE PRODUCTION PP UNIT COMING UP AT KOCHI REFINERY

Responding to India's burgeoning demand for petrochemicals, BPCL proudly announced a groundbreaking initiative aimed at shaping a sustainable future in December 2023. With an investment of Rs. 5,044 Crore, BPCL is set to establish a Polypropylene (PP) Unit at Kochi Refinery.

This visionary project leverages the abundant Propylene feedstock at Kochi Refinery, marking a significant milestone in reshaping the petrochemical industry landscape. The Polypropylene Unit, boasting a production capacity of 400 Kilo-Tonnes Per Annum, is strategically designed to meet market demands and reinforces BPCL's commitment to downstream industries.

Mr. G Krishnakumar, C&MD, BPCL, shared "Our Rs. 5,044 Crore investment in the Kochi Refinery's Polypropylene Unit is part of our strategic commitment towards a sustainable future. Addressing India's petrochemical demand, this project will reshape the industry, meeting the requirements for Packaging Films, Containers and more."

Polypropylene, a versatile material, finds applications in Packaging Films, Sheets, Boxes, Containers, Bags, Home Ware, Home Care, Personal Care, and everyday articles. The project is slated for completion in approximately 46 months, signaling BPCL's dedication to driving innovation and meeting the evolving needs of the market.

This initiative builds upon BPCL's existing capabilities, with the operation of a Propylene Derivative Petrochemical Plant (PDPP) at Kochi Refinery. PDPP has been instrumental in producing critical import substitutes, including acrylic acid, acrylates, oxo-alcohol, and other niche petrochemicals. Notably, PDPP was dedicated to the nation by the Hon'ble Prime Minister Shri Narendra Modi in February 2021, underscoring BPCL's commitment to the vision of Atma Nirbhar Bharat.

As BPCL takes this momentous step towards a sustainable future, the company remains steadfast in its mission to contribute to India's economic growth, promote self-reliance, and advance the petrochemical industry. This endeavor aligns with the broader objectives of Atma Nirbhar Bharat, reflecting BPCL's commitment to driving positive change and fostering a resilient and self-sufficient nation.

Our Rs. 5,044 Crore investment in the Kochi Refinery's Polypropylene Unit is part of our strategic commitment towards a sustainable future. Addressing India's petrochemical demand, this project will reshape the industry, meeting the requirements for Packaging Films, Containers and more.

- G Krishnakumar
Chairman & Managing Director

TOAST TO NEW LEARNINGS

BHARAT PETROLEUM LEARNING CENTRE SCRIPTS A NEW CHAPTER IN KOCHI

Bharat Petroleum Learning Centre scripts a new chapter in its journey for growth through knowledge, with the launch of the BPLC Annexe in Kochi.

In a ceremony that celebrated the depths of tradition and the remarkable charm of architectural elegance, the BPLC Annexe was inaugurated jointly by Director (HR), Mr. Raj Kumar Dubey and Director (Refineries), Mr. Sanjay Khanna in the presence of ED(HRD) Mr. Pushp Kumar Nayar, ED(KR) Mr. Abhai Raj Singh Bhandari and senior officials from HRD, Kochi Refinery and Marketing BUs (Kerala) on 18 December 2023.

In his inaugural address, Director (HR) Mr. Raj Kumar Dubey emphasised the immense potential of the BPLC Annexe panning out into a centre of excellence with its futuristic facilities that would serve all business groups. Director (Refineries) Mr. Sanjay Khanna expressed his sincere belief that this was the start of not just a new learning centre, but also of a historical impact that a state-of-the-art learning centre could bring to BPCL.

Executive Director (Kochi Refinery) welcomed the gathering and Mr. Raman Malik, GM(Admn Services & CSR) CO, expressed sincere thanks to Kochi Refinery on the amazing energy and collaboration in seeing the project through. On behalf of BPCL, Director (HR) and Director (Refineries) presented the tokens of appreciation to the PMC & Chief Architect, Mr. Asif Rahman Junaid and to the Chief contractor of the renovation works, Mr. Litto Johnson, MD (M/s Arteriors Build India Pvt Ltd.) respectively.





Director (HR) inaugurates the Gallery Hall



ED (KR) welcomes the gathering



KR Estates team explains the Transformation Journey



Director (Refineries) felicitates



On behalf of BPLC, Director (HR) appreciates the Chief Architect (above) and Director (Refineries) appreciates the Chief Contractor (below)

Envisaged to support concurrent programmes in addition to the BPLC facility at Sewree, the BPLC Annexe at Kochi is a unique water-front facility, approximately 40 Kms from the Cochin International Airport and 15 Kms from the Ernakulam Railway station. It is equipped with four completely digital training halls and 14 break-out rooms; with a training capacity of 220 at one go. Other facilities here include an L&D room, AR/VR Room & E library, separate VIP rooms, Board Room, amphitheater and roof-top dining facilities.

The refurbishment of the former Kochi Refinery City office (basement, ground and 5 floors) involved interior, exterior, electrical, plumbing, AC systems, firefighting facilities, audio /video systems, external civil works and landscaping. The revamp started on 2 May 2023 and was transformed into the BPLC Annexe within five months on 23 Oct 2023 at a total project cost of approximately Rs.12.30 Crs. The Kochi Refinery Estates team represented by Mr. Johnson K, DGM(Admn & Estates) and Mr. Shijil Subash PS, Manager (Estates) presented the transformational journey of the BPLC Annexe.

The five storied learning centre is the new incarnation of an architectural wonder originally designed by celebrated US born Indian Architect and Urban Planner, Mr. Christopher Charles Benninger in 2001. Over two decades later, today it echoes the vision of Corporate HR brought to reality by the Kochi Refinery team as the BPLC Kochi. A place, where lights, accentuated spaces, the blue sky and surrounding greens, open up splendid vistas for a perfect learning experience. The first programme is scheduled to take-off at the BPLC Kochi in the first week of the New Year.



Where lights, accentuated spaces, the sky and greens, open up splendid vistas for a perfect learning experience





BIG WINS AT CII NATIONAL CORROSION MANAGEMENT MEET

Team BPCL bagged big wins at the Confederation of Indian Industry (CII), National Corrosion Management Practices-Competitions & Awards 2023. The forum is one of the crucial components of CII's mission on the "War against Corrosion", launched in collaboration with Niti Ayog.

BPCL emerged winner of the **Corrosion Management Champion Organisation (Category-1)**. The team members representing BPCL were Dr. Jaya Rawat, (CRDC, Noida), Mr Prasanth KS (CMRO-Reliability), Mr. Anurag Gautam (Inspection-Kochi Refinery) Mr. Sumit Bansal (Inspection- Mumbai Refinery), Mr. Mastram Hathesh (Inspection- Bina Refinery) and Mr. Aishwariy Baheti (Digital- Mumbai Refinery). The accolade recognizes the refinery's dedication to ensuring the longevity and reliability of its infrastructure.

BPCL Refineries' commitment to using latest technologies in corrosion management was much lauded with the first prize for the **Best Case Study on Use of IoT/Digitization/Innovation in Corrosion Monitoring & Management (Category-3)**. Mr. Sanal S and Mr. Gokuldas KK from the Inspection team of Kochi Refinery bagged the award for the case-study on use of Augmented reality (AR) based 3D scanning in PFCCU Regenerator & Reactor Cyclones and Drone based inspection of PFCCU Regenerator (KR).

The Mumbai Refinery team comprising of Mr. Sanjay Kantiwal (Inspection), Mr. Vinay Kumar Prasad (Inspection) and Mr. Neeraj Pancholi (Technology) was adjudged winners of the **Best Case Study on addressing Corrosion through Better Material Selection/Alternate Materials (Category-4) for NHGU process gas cooler 133-E-309B (MR)**. The accolade speaks volumes about BPCL Refineries' commitment to sustainable and effective corrosion management practices

The best Case Study, prize on **Corrosion Management under Asset integrity Systems/ Concrete Structures (Category-5) for FCCU CO Boiler RCC stack (MR)** was presented to Mr. Ravindra Lanjewar (Inspection- Mumbai Refinery). The award underscores the refinery's exemplary strategies in preserving asset integrity, especially in the context of concrete structures, setting a benchmark for the industry.

The competition in corrosion management by CII aims to recognize and promote effective corrosion management practices across industries. This would play a pivotal role in advancing the broader National Agenda of Minimizing Corrosion-related losses. Over 60 teams from 45 organizations across various industry sectors including PSUs, OMCs and R&D establishments, and premier institutes such as IITs participated in the competitions held in Chandigarh on 18th and 19th December 2023. BPCL participated in four out of ten categories and was adjudged the winners in all four categories. It is a proud moment for BPCL Inspection, Reliability and CRDC team



Petroleum Refinery

Certificate of Merit



Bharat Petroleum Corporation
Limited
Kochi, Kerala



Thermal
Savings

35010
SRFT



Electrical
Savings

15908
MWH



MERITORIOUS PERFORMANCE IN ENERGY CONSERVATION

For the all round performance in Energy Conservation at the industry level, Kochi Refinery received the *Certificate of Merit* at the prestigious National Energy Conservation Awards 2023. Mr. Abhai Raj Singh Bhandari, Executive Director (Kochi Refinery), Mr. Senthilkumar G R, Chief General Manager (Technology) and Mr. Milind Dekate, Dy.General Manager (Quality Control) received the recognition from the Honorable Minister of Power Mr. R K Singh at Vigyan Bhavan, New Delhi on 14 December 2023. Against the backdrop of global energy challenges, the NECA Awards, with their emphasis on innovation, stand as a beacon for fostering a sustainable and energy-conscious future.

In addition to the consistent efforts towards energy conservation, innovative technologies deployed by Kochi Refinery like the *DHDT Heater revamp and increased feed rate, FGH production from PENEX unit and stopping old ISOM unit and Stack temperature control based on dynamic SOx in the stack* were also showcased at the National Energy Conservation Awards 2023.

Bureau of Energy Efficiency (BEE), a pivotal agency under Ministry of Power, plays a crucial role in steering India's energy conservation initiatives. One of BEE's flagship endeavours is the National Energy Conservation Awards (NECA), that was presented for the first time on December 14, 1991. Thenceforth the day is celebrated as "National Energy Conservation Day". Refineries, serving as vital contributors to the energy ecosystem, were invited to participate, with specific evaluation criteria tailored to assess their contributions in key areas such as Thermal Energy Savings, Electrical Energy Conservation, and MBN reduction. Previously, refineries were invited in the year of 2020 for this award.

ENERGY CONSERVATION WEEK

Energy Conservation week celebration was observed during 8-14 December 2023. Visual communication played a significant role in capturing attention and spreading key messages during the National Conservation week celebration. Banners, standees, and backdrops were strategically placed across the refinery premises to create a visually immersive environment. Awareness sessions held during the celebration were designed to educate and inspire participants to adopt energy-efficient practices. These sessions covered a wide range of topics, including energy conservation techniques, renewable energy sources, and the role of individuals in creating a sustainable future. Interesting contests were also conducted.

Winners of the spot quiz on energy conservation for students of St. Peters Senior Secondary School, Kadayiruppu, Kolencherry received LED bulbs. An essay writing competition focusing on the understanding of climate change, the importance of energy conservation, and its relevance to day-to-day life was conducted for Refinery apprentices who are on the cusp of their professional careers. The contest followed an awareness session and spot quiz, that fetched winners more LED bulbs. The theme for the essay was *Energy Conservation at Home and Community*. The programmes were coordinated by Sunil K Antony and Nitin Dirolikar from the Energy Team.

KOCHI REFINERY records 82 million ACCIDENT FREE MAN HOURS on 14 December 2023

कोच्चि रिफाइनरी में 82 मिलियन दुर्घटना मुक्त मानव घंटे का नया सुरक्षा रिकॉर्ड

SAFETY FIRST. SAFETY MUST



[CLICK TO READ MORE](#)

HSE
NEAR MISS
AWARDS 2023



Sanjay V C
SRU-3- MFG 1



Bibin K Varghese
VGO/CCR - MFG 1



Arun Tomy
VGO/CCR - MFG 1



Veeramani H
CPD (KR) - WAREHOUSE

COVID IS BACK IN A NEW VARIANT

COVID 19 novel coronavirus infection is on the new upsurge in our country again. Many cases are being reported in the state of Kerala. The latest JN 1 sub variant was also detected among them.

As always COVID appropriate behaviour is the main practice to follow for prevention. Strictly following preventive measures is the most effective way to fight the new upsurge. The symptoms for the new variant are fever, runny nose, tiredness, sore throat pain while deglutition, cough, breathing difficulty chest heaviness headache and body-ache. Beware of asymptomatic Covid 19 positive cases also.

The best for all employees and apprentice trainees would be to follow preventive measures :

- (1) Proper use of mask preferably N-95 or surgical
 - (2) Ensure safe physical distance
 - (3) Self quarantine if symptomatic
 - (4) Frequently wash hands with soap and water for at least 20 seconds
 - (5) Use alcohol based sanitiser
 - (6) Avoid touching nose/mouth/eyes with unclean hands
 - (7) Take the RT-PCR test for COVID-19 at the earliest
- During festivities and at gatherings, maintain respiratory hygiene and social distancing.



**STAY
SAFE**

HELP-LINE

As per the emergency procedure of BPCL Kochi Refinery, fire / emergencies occurring inside the Refinery shall be communicated through the designated numbers 101,1912 or 1922 only.



TRIBUTES TO A VISIONARY



The 67th Death Anniversary of Dr.B.R.Ambedkar was commemorated by the Federation of Central Govt.SC/ST employees (Kerala) BPCL KR Unit on 6 December 2023 at CR School premises. Federation President Mr. Ramdular Paswan, CM (MFG), lit the lamp and garlanded the statue of Dr.BR Ambedkar. Mr. Manoj Kumar TS, Secretary and Mr.Kannan R, Treasurer also spoke. The Federation members offered floral tributes and paid homage to the great leader of the nation.



MANAGERIAL EFFECTIVENESS

One more batch of officers enroll for the 2-day residential programme on *Managerial Effectiveness*. The leadership workshop was organised on 7 & 8 December 2023. The workshop led by master trainers is a combination of engaging learning modes and hard-core class-room sessions with emphasis on self management competencies, managing by communicating effectively, stress and time management, collaboration and style adaptability to increase managerial effectiveness. The last two batches for 2023-24 are scheduled to be covered in January & February 2024 for 100 officers. This exclusive programme for Kochi Refinery is being delivered by Xavier Institute of Management & Entrepreneurship, a leading business school operating in Kochi.

WORK PERMITS AND PROTOCOLS

Training on Work Permit System is organised at regular intervals to ensure proper documentation of operations and protocols inside the Refinery. An exclusive session was organised on 20 December for a batch of 20 that was facilitated by subject matter experts from HSE, Ayyppan S Dev, Thomas T B, and Sunilkumar C P



API 510

ISO 7025:2017

Certified API 510 Pressure Vessel inspectors must have a broad knowledge base relating to maintenance, inspection, repair, and alteration of pressure vessels. The API 510 examination is designed to determine if individuals have such knowledge. Mr. Narendra Thatte, Chief Executive at Asian Training Academy, was the visiting faculty for this programme organised during 11-19 December 2023 was organised for designated officials.

ISO/IEC 17025:2017 specifies the general requirements for the competence, impartiality and consistent operation of laboratories. This standard is applicable to all organizations performing laboratory activities, regardless of the number of personnel. Certified trainer Mr. Mr. Sugathan S Nair handled a an exclusive session for the QC team on 18 December 2023.

TECH REFRSHER

FIRE & SAFETY

Technical Refresher Training for the fire crew was organised from 30 Nov to 01 Dec 2023 at the Main Fire Station with live sessions at the fire training ground. Around 20 members attended the sessions ganded by inhouse subject matter experts, Gautam Kumar, Bimal Raj VL, Mohammed Fasil M, Akhil Vivek T and Afreedin Vaheb. Sessions on core-production areas were handled handled by Ramalingam V (Petchem), Sandeep K N S (MFG 1) and Putta Rama Govindu (MFG 2)

WHATS-UP IN FEB 2024

- TECH REFRESHER PROGRAMMES Mfg & Maint
- PROCESS SAFETY AND RELIABILITY
- OPERATION AND SAFETY ASPECTS OF MOUNDED BULLETS
- XIME : MANAGERIAL EFFECTIVENESS

POINT YOUR POWER

A Program on Advanced MS Excel and Powerpoint on 14 & 15 December caught the interest of first timers and advanced users. Around 40 employees attended this functional learning programme facilitated by Ms. Malathy Murugaiyan, an expert in the field. Shortcuts and tools were explained in detail, to build confidence in using Excel and Powerpoint.

PROJECT ASPIRE

CREATING VALUE FOR OUR STAKEHOLDERS IN THE NEXT 5 YEARS

Spearheaded by our Chairman & Managing Director Mr. G Krishnakumar, Bharat Petroleum is on a high voltage mission that aims at Doubling the Profits from 2021-22 and Quadrupling the Market Capitalisation in next 5 Years (2023-28). On his recent visit to Kochi Refinery, C&MD launched **Project Aspire**, which is built on the eight pillars namely Refining, Marketing, Non-Fuel, Gas, Upstream, Petrochemical, Green Energy Business and Digital Ventures.

The four broad themes of Project Aspire are to (1) Nurture and grow BPCL's current core businesses; (2) Make 5 big bold bets in Gas, Non-Fuel, Petrochemicals, Green Energy and Digital Ventures; (3) Strengthen Foundational elements of R&D, Funding, Digital and Partnerships and (4) Strengthen the organization and invest heavily in Talent development.

People, R&D, Partnerships, Funding Excellence, Digital, Technology & Innovation are the key drivers to achieve the aspiration mentioned in the eight pillars, which we will be addressing one by one in the Know More series. Last month we began with the Core Businesses - Refineries. This month we bring you about **MARKETING**.

Nurture and grow BPCL's current core businesses

MARKETING - FUELS & SERVICES

World class and reliable, Bharat Petroleum has built trust amongst its customers across the country with quality products and continues to do so since its inception 60 years ago. Now 22,000 + Fuel Stations strong, the brand has thrived in the industry with its Pure for Sure promise.

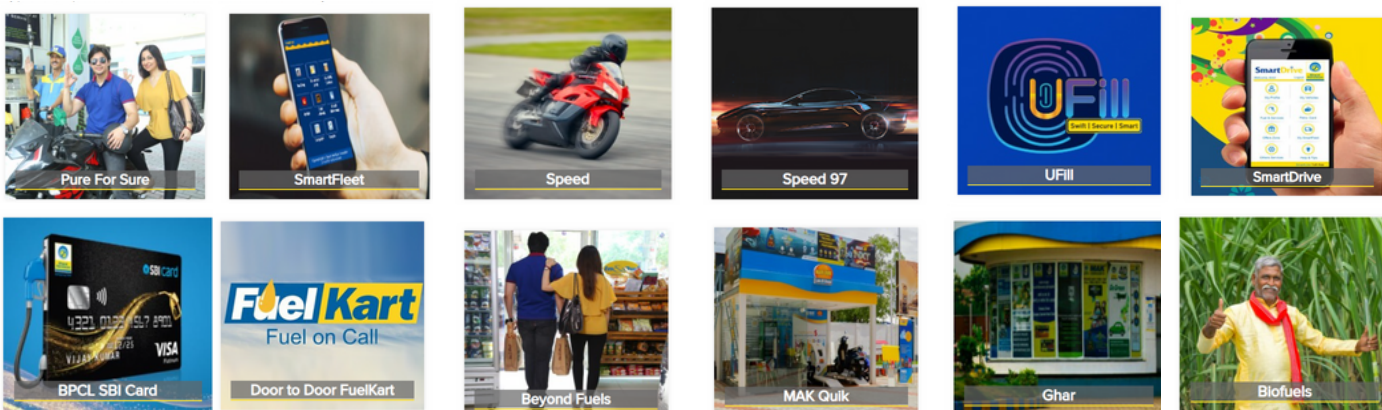
Bharat Petroleum has a variety of product offerings like Petrol, Diesel, Automotive LPG and CNG along with premium petrol products like Speed and Speed 97 that guarantee a better experience for driving enthusiasts. But the brand goes above and beyond these offerings to meet the needs of a modern world. This includes specialized Fuel Station formats like Ghar, Highway Star, Pure for Sure, and other such services that guarantee a smooth business experience.

While consistent product quality is what ascertains customer-trust, what makes the brand stand out are its relevant and specialized business solutions. Today, 14500+ Fuel Stations are automated and the number continues to rise. These Fuel Stations enable easy commute experience for all travelers with stores like In & Out which are equipped with Restaurants, Convenience Stores, ATMs, a one-stop-shop for commuters across the country.

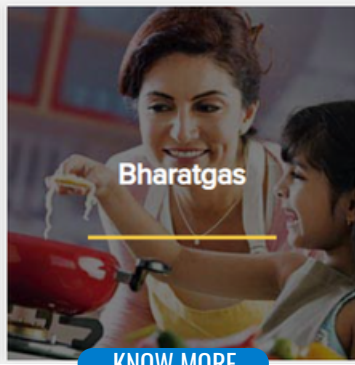
Convenience being at the core of what the brand stands for, Bharat Petroleum has also come up with SmartDrive - a perfect app for the tech-savvy traveler. The app lets users locate the nearest fuel stations and so much more in just a few clicks. Moreover, the brand offers its customers with loyalty programmes like PetroBonus and SmartFleet as well, which focus on the needs of motorists, transporters and commercial vehicle owners alike.

Showing love and care towards the planet has always been the norm for Bharat Petroleum. Its Fuel Stations, automated as well as others, are equipped with solar technologies to promote use of clean and green energy. At the same time, the brand also adheres to strict parameters by ensuring it serves only fuel-efficient vehicles, which in turn saves fuel.

Quality products, impeccable services and undoubted convenience at every fuel station drives Bharat Petroleum further towards delivering the Pure for Sure promise. Click on the icons below to know more the many services from BPCL:



MARKETING - BHARATGAS - COOK FOOD SERVE LOVE



KNOW MORE

In a constantly evolving country such as ours, the supply of efficient energy forms the backbone of our industries, fuelling economic growth and development. LPG permeates our lives in far-reaching ways; be it across housing and health, apparel and hardware, or hospitality and agriculture. Bharatgas provides end-to-end solutions and services to meet all your business requirements for energy, and helps create products that are superior in quality and reliable.

Having reached over 8 crores households, Bharatgas has spread its motto 'Cook Food Serve Love' across millions of families. It is an emotion that strengthens bonds amongst near and dear ones, all made possible by our vibrant teams, dynamic distributors and delivery personnel.

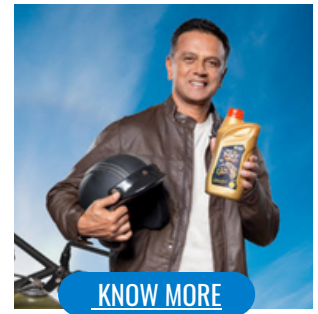
We also serve the needs of commercial and bulk customers fulfilling a varied set of needs through our B2B offerings.

MARKETING - MAK LUBRICANTS - MAK MAKES IT POSSIBLE

MAK Lubricants – from Bharat Petroleum reigns eminently as a trusted brand in lubricants and greases in India and international markets. The comprehensive range offers an extensive selection of 400+ grades spanning various segments – to cater to varied and constantly evolving requirements of the automotive segment as well as the industrial domain.

The philosophy that drives MAK Lubricants is the cognizance that our customers are not just consumers but indeed our partners in progress – in our onward quest for better products, longer service life of equipment and greater environment-friendliness.

Ever since its earliest pioneering superior quality 'Group II+ base oils' (MAKBase) to the next-generation MAK lubricants for BS-VI vehicles, Bharat Petroleum has been a vigorous innovator of technically advanced lubricants that deliver top-notch performance even under extreme ambient and operating conditions. With a laser-sharp focus on incessant innovation and customer-centricity, no wonder the MAK brand has been bestowed numerous accolades, including the prestigious "Superbrand" status.



KNOW MORE

INDUSTRIAL & COMMERCIAL : ENERGISING INDUSTRIES FOR A BRIGHTER TOMORROW

KNOW MORE

The responsibility of servicing B2B customers vests with Industrial and Commercial (I&C) SBU in BPCL handling more than 6 MMTPA volumes, the SBU boasts of robust customer base across various industrial sectors like Cement, Heavy Industries, Power, Railways, Paints, Petrochemicals and others.

The SBU has 15 territory offices spread across India with ready to serve officers available on call. This apart, customers can also avail of the services of the business portal that operates for online transactions. The offerings include light, middle and heavy distillates, Petrochemicals, Petcoke and Sulphur. These are used by various Indian industries, sometimes as fuel and at times as feed. BPCL products continue to 'Energise Industries' in more ways than one.

BPCL's I&C SBU operates with the philosophy of providing total fuel solutions to its customers, which apart from fuel includes providing technical consultancy, layout designs & facilitation for obtaining approvals (statutory/ explosive), installation of tanks and allied facilities, usage and application of products/ testing. In order to deliver better value, the SBU also has many offerings to customers like SMS alerts on dispatch of load, Quality Certificate (except Bitumen and few Industrial fuels), online Banking through RTGS/ NEFT, a separate pricing policy for a basket of products etc. We fuel the progress of industries with a focused customer centric approach.

AVIATION SERVICES



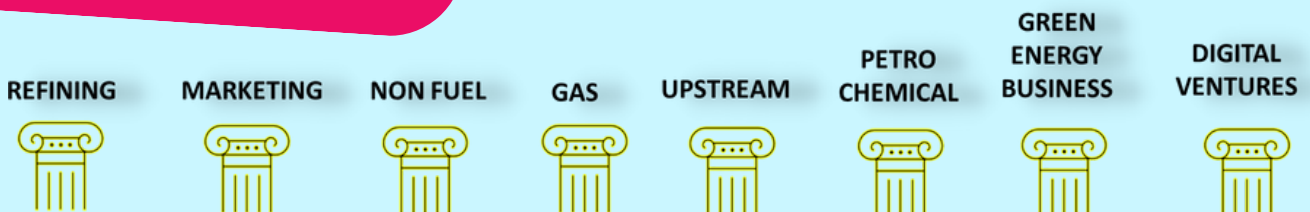
GAS BUSINESS



PROJECT ASPIRE AIMS AT DOUBLING PROFITS (RS.25000 CR) FROM 2021-22 AND QUADRUPILING THE MARKET CAPITALISATION (RS.3 LAKH CR) IN NEXT 5 YEARS (2023-28)

In MARKETING, the focus is on :

- Focusing on Brand building and extensive communication
- Focus across product portfolio
- Driving profitable growth of LPG, Aviation, Lubes and I&C
- Competitive value proposition around quality and customer experience to differentiate BPCL
- Opening new product and services portfolio



PROJECT ASPIRE IS BUILT ON EIGHT PILLARS



ISRO SCIENTISTS VISIT KOCHI REFINERY

Kochi Refinery was proud to host a delegation of 52 Scientists from the ISRO Centre (VSSC / LPSC), Thiruvananthapuram. The scientists who are also esteemed members of the Indian Society for Non-Destructive Testing (ISNT), specifically affiliated with the Thiruvananthapuram Chapter, visited Kochi Refinery as part of the industrial interaction programme in November 2023.

Hosting this visit was a distinct honour for Kochi Refinery, as many of the scientists in attendance played pivotal roles in India's prestigious and successful Chandrayan-3 mission. ISNT consistently organizes a variety of programs, including technical lectures, workshops, seminars, and industrial visits, to foster engagement and promote the latest developments in NDT. During their visit to Kochi Refinery, the scientists expressed a keen interest in exploring the various process units.

Mr. Sathyan V, CEO of the Skill Development Society addressed the gathering. A brief presentation on the diverse process units of Kochi Refinery and BPCL's product portfolio was delivered by Mr. Prince George, CM-Manufacturing-II, followed by an insightful site visit. Subsequently, Mr. Anurag Gautam (SM – Inspection) and Mr. Aravind A S (SM – Inspection) provided a comprehensive overview of the inspection activities and advanced tools employed for maintaining the static assets of Kochi Refinery. The visiting team offered to share their expertise in advanced NDT like, Acoustic Emission Testing (AET) and Digital radiography etc. and invited BPCL team to VSSC.

ISNT, a professional organization uniting NDT practitioners, scientists, engineers, academicians, and students, is dedicated to advancing the science and technology of Non-Destructive Evaluation (NDE). With over 20 chapters nationwide (including one in Kochi, which is led by officers from Kochi Refinery, the society actively works towards promoting NDT activities.

कोच्चि नगर राजभाषा कार्यान्वयन समिति के तत्वावधान में बीपीसीएल कोच्चि रिफ़ाइनरी द्वारा प्रायोजित राजभाषा संगोष्ठी



कोच्चि नगर राजभाषा कार्यान्वयन समिति के तत्वावधान में आयोजित संयुक्त हिन्दी पखवाड़ा समारोह – 2023 के भाग के रूप में कोच्चि स्थित सरकारी उपक्रमों के राजभाषा समन्वयकों के लिए एक दिवसीय संगोष्ठी, दिनांक 15 दिसम्बर 2023 को सम्मेलन कक्ष, बीपीसीएल मरीन ड्राइव क्लब, कोच्चि में आयोजित की गयी। बीपीसीएल कोच्चि रिफ़ाइनरी इस कार्यक्रम के प्रायोजक रहा।

आज की तकनीकी युग में राजभाषा कार्यान्वयन में भी तकनीकी ज्ञान और नवीनतम स्वचालन समाधानों से परिचित होने से राजभाषा कार्यान्वयन से संबंधित कार्यों में समय और संसाधनों की बचत का महत्व समझकर यह तकनीकी राजभाषा संगोष्ठी आयोजित की गई थी। कोच्चि स्थित विविध सरकारी उपक्रमों का प्रतिनिधित्व करते हुए 33 राजभाषा समन्वयकों ने इस संगोष्ठी में भाग लिया।

श्रीमती शीला एम सी, सचिव, कोच्चि नराभाकास (उपक्रम) एवं सहायक निदेशक (राजभाषा), बीपीएसएनएल ने उपस्थित राजभाषा समन्वयकों एवं वरिष्ठ कार्यपालकों का स्वागत किया। श्री एस श्रीराम, मुख्य महाप्रबंधक (ई&एएस), बीपीसीएल कोच्चि रिफ़ाइनरी ने कार्यक्रम का उद्घाटन किया। अपने उद्घाटन भाषण में श्री एस श्रीराम ने कहा कि भारत के संविधान ने हम सबके ऊपर राजभाषा नियमों के अनुपालन का दायित्व सौंपा है। उन्होंने इस पर ज़ोर दिया कि राजभाषा समन्वयक होने के नाते अपने कार्यालयों में राजभाषा नियमों का अनुपालन सुनिश्चित करना उनका दायित्व है। आगे उन्होंने राजभाषा समन्वयकों से अनुरोध किया कि खुद अपना कामकाज हिन्दी में करने के साथ साथ अपने कार्यालय के दूसरे कर्मचारियों को भी हिन्दी में काम करने की प्रेरणा दें।

उन्होंने यह भी आशा व्यक्त की कि सभी भागीदार इस कार्यक्रम का लाभ उठावेंगे और इससे प्राप्त ज्ञान को अपने कार्यालय के हिन्दी कार्यान्वयन में उपयोगी पाएंगे। दूसरे सत्र में डॉ मधुशील आयिल्यत्त, प्रबन्धक (राजभाषा), भारतीय रिजर्व बैंक, कोच्चि ने हिन्दी के परिप्रेक्ष्य में प्रौद्योगिकी के नए रुझान पर प्रकाश डाला। इस सत्र के विषय रहे, सूचना प्रौद्योगिकी के क्षेत्र में हिन्दी, माइक्रोसॉफ़्ट इंडिक लैङ्ग्वेज इनपुट टूल, गूगल इनपुट टूल, ऑनलाइन टूल्स, एआई पर आधारित सॉफ़्टवेयर प्रोग्राम-ओसीआर, ऑनलाइन उपलब्ध महत्वपूर्ण शब्दावली / वेबसाइट, TOME, ChatGPT जैसे अन्य उपयोगी टूल्स का हिन्दी कार्यान्वयन में प्रयोग।

संक्षेप में, हर भागीदार को यह स्पष्ट हुआ कि राजभाषा कार्यान्वयन को अनुकूलित करने, प्रभावी संचार सुनिश्चित करने और आज के डिजिटल परिदृश्य में प्रतिस्पर्धी बने रहने के लिए नवीनतम ऑनलाइन प्रौद्योगिकियों के बारे में ज्ञान रखना हरेक राजभाषा समन्वयक के लिए अनिवार्य है। दोपहर के सत्र में श्रीमती शीला एम सी, सचिव, कोच्चि नराभाकास (उपक्रम) ने राजभाषा नीति के कार्यान्वयन में कार्यपालकों की भूमिका पर प्रकाश डाला। तदुपरान्त उनकी अध्यक्षता में इस विषय पर विस्तृत रूप से पैनल चर्चा चलायी गई। पैनल चर्चा में सभी भागीदारों की सक्रिय भागीदारी रही।

भागीदारों के लिए संगोष्ठी, अपने उत्तरदायित्व सफल रूप से पूरा करने में मार्गदर्शन करने में सफल रहा। श्रीमती लता कामत, हिन्दी अनुवादक, बीपीसीएल कोच्चि रिफ़ाइनरी द्वारा कृतज्ञता ज्ञापन के साथ शाम 4.00 बजे को कार्यक्रम समाप्त हुआ।

CONGRATS ON CROSSING YOUR CAREER MILESTONE

35 years



JAYAN A
/ CPO(KR) FINANCE



RAVISANKAR A
/ INTERNAL AUDIT

30 years



SHRIKUMAR D
/ IS



VIJAYAKUMAR S R
/ AS-INSPECTION

PEOPLE

WARM WELCOME
TO MANAGEMENT
TRAINEE



GAYATHRI M
/FINANCE

25 years



VINEETH M
VARGHESE / HR-PR

15 years



PRAVEEN S
/ AS -INSPECTION



SARAVANA RAJ S
/ PETCHEM



KUMAR ARUN
/TECH -PE



JUNEJA PIYUSH
/ MAINT



SALVI NARAYAN
/ TECH -PP

BEST WISHES TO COLLEAGUES SUPERANNUATING THIS MONTH



RAMANATHAN S joined the organisation in the Manufacturing Dept in 1989. He is retiring as General Manager of Project Technical Dept



EMILE TOPPO joined the organisation in the P&A Dept in 1992. He is retiring from the HR Dept as DGM(Admn & Labour Welfare)



ELDOSE KURIAKOSE joined the organisation in the Manufacturing Dept in 1995. He is retiring from P&U as Asst Manager (Utilities).



SREENIVASAN M D joined the organisation in the OM&S Dept in 1986. He is retiring from the Maint Dept as Planning Assistant.



SHIBU JA, joined the organisation in the Security Dept in 1999. He is retiring from the HSE Dept as Fire Operator VI.



DRP IN DEC 23

The discover refinery programme (DRP) was Conducted on December 09, 2023 and included a Presentation led by Mr Ravinder Shah Singh, Asst. Manager (Mfg) and Plant visit led By Mr. Tomson Fransis, Asst. Manager (Mfg). The 42 participants this time included 12 Employees and 30 family members.

HELP-LINE



As per the emergency procedure of BPCL Kochi Refinery, fire / emergencies occurring inside the Refinery shall be communicated through the designated numbers 101,1912 or 1922 only.

Happy Birthday

COME WISH KOCHIREFINERS CELEBRATING THEIR SPECIAL DAY IN JANUARY 2024. LOG ON TO KR CONNECT TO KNOW TEAM MEMBERS CELEBRATING THEIR BIRTHDAY ON EACH DAY OF THE MONTH. FOR THE MONTHLY UPDATE PLS FOLLOW DIGITAL NOTICE BOARDS



SCIENCE AND TECHNOLOGY FOR SOCIETY

It was a momentous occasion for Cochin Refineries School to host the CBSE Regional Science Exhibition - 2023. The two day CBSE Thiruvananthapuram Regional Science Exhibition was inaugurated by Mr. Kurian Thomas, Manager of ToCh Educational Institutions on 15 December 2023 at CRS in the presence of School Board Chairperson, Smt Sarah Thomas, Chief General Manager (HR), Kochi Refinery, Mr. Vinumooan K Mathew, Principal, CR School, Vice Principal Mrs. Premlatha Shaji, Vice Principal, CRS, School Coordinator Mr. Dinesh S B, Manager (HRD) and other officials of CR School and Kochi Refinery. The theme for this year's exhibition was "Science and Technology for Society". Around 170 students from more than 50 schools across Kerala participated. More than 300 students and teachers from different CBSE & State schools of Ernakulam arrived for the exhibition. The participants presented exhibits under the subthemes: *Health, Agriculture, Computational thinking, LIFE (Lifestyle for Environment) and Communication & Transport*. Monorail Electric Pod, Fuel Accuracy Meter, RAVI (Rapid Aerial Vehicle of India) drone, Oryza Foliage Disease Detector were some of the enterprising exhibits that caught the attention of many. The event was held for two categories: Junior category with 27 teams (Classes 6 to 8) and Senior category with 53 teams (Classes 9 to 11). The winners were adjudged by a panel of eminent and competent judges. Ten teams from two categories representing the different sub themes were chosen to participate in the National Level Exhibition which will be held in January 2024 at New Delhi.

HAATS OF CRS



Mr. C B Suresh Kumar, IRS a proud alumni of CRS (1984 batch) was felicitated at the HAATS OFF CRS programme recently where he shared all about his school life and about his career. A proud Refinian, he served as the Joint Commissioner of Income tax in Kerala and Karnataka. He was involved in investigation of major cases and also worked in Assessment, Exemption -TDS, Intelligence and Criminal Investigation wings of the department for 33 years. him. Principal Vinumooan K Mathew felicitated him with a traditional Ponnada and memento. He was honoured by the and Vice-principal with a traditional ponnada and memento. On behalf of SMRTIHI, Vinod P and Philip Jackson felicitated.

ANNUAL SPORTS AT CRS

The 57th Annual Sports was an energy packed event during November 16-18, 2023 at CR School Campus. Senior Section Sports was Inaugurated by Mr. Markose Bristow International Badminton Player and DGM IOC Cochin in the presence of Principal Vinumooan K Mathew. Primary Sports was Inaugurated by Mr. Akhin GS International Volleyball Player (BPCL) on 16 November 2023.





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