

कोशिया डाइजेस्ट

COSHYA



VOL - XVII

OCT 2019

A PUBLICATION OF COCHIN SHIPYARD LIMITED

DIGEST



QUARTERLY IN-HOUSE MAGAZINE
e-magazine available at www.cochinshipyard.com





Ship docked for the first time at Kolkatta Port Trust Dry Dock - operated by CSL



कोचीन शिपयार्ड लिमिटेड
COCHIN SHIPYARD LIMITED

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The views and opinions expressed in the articles are those of the authors and do not necessarily reflect the official policy or position of Cochin Shipyard Ltd.

कोशिया डाइजेस्ट **COSHYA** DIGEST

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EDITORIAL TEAM

S Harikrishnan
General Manager
(Planning)

A Sivakumar
General Manager (IAC)

EDITOR - IN - CHARGE

P N Sambath Kumar
Asst. General Manager (CSR & A)

FROM THE CMD'S DESK

My dear colleagues,

It is my pleasure to extend my greetings to the readers of the 17th issue of the House Magazine, Coshya Digest.

We had the privilege of Hon. Minister of State for Shipping (Independent charge), Shri Mansukh Lal Mandaviyavisiting CSL on 19th Sep, the first time after assuming his new charge. The Hon. Minister also undertook detailed review of CSL's activities and expansion projects and expressed happiness on our overall achievements. The Minister has advised CSL to further develop the Fishing vessel and Inland waterways vessels segment, which has got major impact for India. We were also honoured to have him to inaugurate the Maritime Park, created along with our ISRF facility at the Wellington Island. It was heartening to have him with us to witness the oath taking ceremony against single use plastic as also participate along with leaders of our unions and associations in planting saplings initiating our urban forest drive.



On the IAC significant efforts are being put in by our team in close coordination with the Indian Naval teams involved (WOT, CATT, INFDT). We are proceeding with efforts to start the Gas Turbines shortly, which will be a major milestone as we move forward towards the basin trials and subsequent sea trials during early next year.

During this period, Steel cutting of four Mini General Cargo Ships of 8000 T built for JSW Groups was also held. We had various milestones on the fishing vessels, RoPAX vessels for IWAI and the Marine

Ambulance boats being built by us.

Shiprepair handled 18 vessels during July to Sep 19, at Kochi. It is heartening to note that our operations at Mumbai is gaining stability and we have till Sep 19 completed a total of 14 vessels at CMSRU. We also initiated our operations at Kolkata and docked the first vessel, which was the post sea trial docking of a vessel newly built by GRSE.

During the swachhta campaign, the yard carried out a novel intervention distributing jute bag to the public who were carrying plastic bags. It was also delighting to have the famous magician Muthukad to speak to the children in the schools around the yard on the need to protect the environment and mother earth.

We celebrated Hindi Month wherein seminars and competitions were held for the employees and also for the school and college children in

our vicinity. I am happy to inform that CSL has won the Raj Bhasha Kirthi Puraskar for its efforts in Hindi implementation. CSL has also won awards from the Kerala Management Association, National Institute of Personnel Management and the Rotary International for its positive CSR interventions.

I take this opportunity to thank each and every one of our distinguished team.

Jai Hind.

HON'BLE MINISTER OF SHIPPING IN SHIPYARD



Shri Mansukh L Mandaviya, Hon'ble Minister of State for Shipping (Independent Charge) and Chemicals and Fertilizers, Govt of India inaugurated the Maritime Park in Willingdon Island, Kochi, near the upcoming International Ship Repair Facility (ISRF) of Cochin Shipyard Limited.

Subsequent to this, the Hon'ble Minister watched a video presentation reflecting CSL commitment to environment by way of creating urban forestation within Shipyard in an approximate area of 30000 sq feet. This is intended to create an eco system by which all stakeholders can experience freshness and an excellent ambience within the premises of CSL. The Hon'ble Minister graced the occasion by planting first sapling for the proposed project followed by CSL senior officers and trade union

representatives.

Hon'ble Minister was also present at a Swachhta pledge ceremony held at CSL attended by employees in large numbers. He also spoke about the importance and relevance of Swachh activities and the necessity to have a clean environment. In his speech he emphasized the disadvantages of single use plastics and appealed all to take efforts to achieve a plastic free India. He cited the example of how Mahatma Gandhi, the Father of the Nation, united the whole India through the small act of spinning with charkha. Similarly, the small act of desisting creation of plastic waste will help in building a strong and clean India.

Subsequently the Hon'ble Minister took a review of activities of Cochin Shipyard Limited.



COCHIN SHIPYARD LIMITED BAGS ORDER FOR CONSTRUCTION OF 23 METRO BOATS



Cochin Shipyard has received a Letter Of Acceptance from Kochi Metro Rail Corporation Limited for building 23 No boats for the Kochi Water. These boats will provide inland transportation using electric/ hybrid technology. On the whole Kochi Metro has a requirement of around 78 high quality boats of international standards. Out of this 23 boats having a capacity of 100 pax was tendered by KMRL in which CSL also participated.

These boats offered by CSL are designed with in house expertise. These boats with a capacity of 100 pax would be around 24 Mtr long and will be powered using electric propulsion system equipped with high quality Lithium Titanium Oxide battery to run for one hour and then can be charged at the charging stations at various jetties using fast changing technology within 15 minutes thus providing uninterrupted service to the customers. For emergency purpose and for achieving top speed, the propulsion system of boats shall also be connected through a hybrid system using power from diesel generators.

This project is an initiative that will bring about a revolutionary change in the water transportation segment in India, with significant impact in our country's effort in reduction in emissions and carbon footprint. Considering that the primary source of power for charging these boats is planned from solar PV installations, it will further augment the benefits in terms of environment and sustainability.

Once this project is successfully implemented by KMRL, it will not only catapult India into one of the select nations in the field of electric water mobility on the global front, but it will also open up a very large potential for emulating this model of environment friendly and technologically advanced inland water vessels in various other cities in India. This in turn will be a huge boost for the GOI's initiatives in opening up Inland Water transport system in the country and with respect to the green initiatives of the GOI to reduce emissions and bring down carbon footprint. ■

MARITIME PARK



Cochin Shipyard Limited – Maritime Park has been inaugurated by Hon'ble Minister of State for

Shipping, (Independent charge) and Chemicals & Fertilisers Shri. Mansukh L. Mandaviya on 19 Sep 2019.



The maritime park is situated near the International Ship Repair Facility at Willingdon Island. The building is a prefabricated structure of 60m x 60m to house various OEMs/service providers capable of providing specialized services in the field of ship repair / building and are willing to support ISRF and CSL in undertaking high quality Ship Repair and Ship Building activities. We are aiming to develop a ship repair eco-system supporting maritime service sector in India by bringing best in class support to ship repair industry. We expect to establish an industry specific model similar to that existing in Singapore & Middle East.

The Maritime Park consists of 23 units of approximately 900 sqft to 1150 sqft area housed under one roof. The facilities include Common front office, lobby, dining, locker, wash rooms, conference

room etc. These units can be used by OEMs /Service providers who offer specialized services, as office/semi workshop facility, on chargeable basis. These firms shall have the flexibility to support customers other than CSL also, from the unit. They would be allowed to run their operations in Cochin from the space allocated.

Ten globally renowned firms in the maritime industry have already partnered with CSL for setting up their units in the Maritime Park in the first phase. They are M/s Kongsberg Maritime CM India PVT Ltd, M/s Sicagen India Ltd, M/s MAN Energy Solutions, M/s Wartsila India Ltd, M/s Flash Feorge PvtLtd, M/s Yeoman Marine Services Pvt Ltd, M/s Ind- Aust Maritime Pvt Ltd, M/s RasTek Pvt Ltd, M/s Tile Marine LLC & M/s SMEC Automation Pvt Ltd.

It is envisaged that the International Ship repair facility (ISRF) at Willingdon Island and the Maritime Park set up by CSL will help Kochi to emerge as a major maritime hub of India. ■



250TH BOARD OF CSL

During the month of August 2019, CSL reached an impressive landmark of holding 250 Board Meetings since its inception in the year 1972. CSL convened the 250th Meeting of its Board of Directors on August 13, 2019 at Hotel Grand Hyatt, Bolgatty Island, Kochi. The Board Meeting started with a cake cutting ceremony to celebrate this special milestone. CSL was incorporated on March 29, 1972 and the first Board Meeting of CSL was held on June 02, 1972. This milestone of 250 Board Meetings came in the 47th year, just before accomplishing another remarkable milestone of 50 years of existence. ■



KEEL LAYING CEREMONY

The Keel Laying Ceremony of the Marine Ambulance Boat No. BY 110, the first of the three Ambulance Boats being built at CSL for the Department of Fisheries was held at CSL on 20 Sep 2019 by Smt. J. Mercykutty Amma, Hon'ble Minister for Fisheries, Harbor Engineering & Cashew Industry, in the presence of Senior Officials from State Fisheries Department, CIFT, BPCL & Indian Register of

accommodate two (2) patients and will have a crew capacity of 7, including paramedical staff. The vessel will also have various paramedical facilities like examination and nursing room, medical beds, mortuary freezer, refrigerator and medical lockers. There will be a Jason's cradle to safely rescue people from sea. Marine ambulances will be used for the rescue and instant treatment to the marine fishermen in distress as well as for normal patrolling.

Bharat Petroleum Corporation Ltd (BPCL) is also supporting the project as part of its CSR initiatives.

The Minister reiterated her appreciation of the fact that the technical capabilities of CSL that is normally utilized for large size Defence & Commercial sectors is now available for the service of the domestic & local segment as well. ■



Shipping. The Directors and Employees of CSL were also present for the ceremony.

These Ambulance Boats have an approximate length of 22.5 Mtr, beam size of about 6.0 Mtr and a maximum speed of 14 knots. The modern vessel, designed in-house by CSL will be of high quality & fuel efficient. CFD analysis and Model Test at IIT Madras was done to optimize fuel efficiency and firming up the Powering requirement. 3-D Modelling of the entire Boat has been done in-house to improve ergonomics and lay-out.

The vessel will be able to



LAUNCHING CEREMONY



The launching of two Ro Pax vessels designed and built by Cochin Shipyard Limited, for Inland Waterways Authority of India was held on 08 Aug 2019. The ceremony was attended by Senior Officials of IWAI in the presence of Directors of Cochin Shipyard Limited and employees of Cochin Shipyard Limited. Dr Asha Paul, W/o Shri Mathew George, Director, IWAI and Smt Mini C C , W/o Shri Suresh babu NV, Director(Operations), CSL launched the vessels. The vessels launched at present are the third and fourth vessels in the series of 10 vessel order

from IWAI.

Cochin Shipyard is building a total of 8 Nos. Ro Pax vessels and 2 Nos Ro-Ro vessels for Inland Waterways Authority of India. IWAI nominated CSL for the construction of these vessels, which will be operated in strategic locations in National Waterways 1&2. These vessels can accommodate around 200 passengers and will have 8 crews and can carry 2 trucks and 4 cars. It is equipped with all the life saving equipments and is built as per the IRS standards. ■

BLOCK ERECTION



The Block erection ceremony of the RoPAX vessels BY 102 and 103 were held on 16 Sep 2019 at Cochin Shipyard Building dock.

Shri N V Sureshbabu, Director (Operations) and Shri Bejoy Bhasker, Director (Technical) did the honours.

CSL secured the order for construction of 10 No RoRo/RoPAX Vessels from Inland Waterways Authority of India(IWAI). ■

NIPM BEST CORPORATE CITIZEN AWARD - 2019



National Institute of Personnel Management (NIPM) is the All India professional Body of HR Functionaries manning the Indian Industries. NIPM Kerala Chapter is every year conducting the NIPM Kerala Best Corporate Citizen Award for all Companies registered in Kerala to identify and recognise the efforts of companies in integrating and internalizing Corporate Social Responsibility (CSR) into their core business operations.

Cochin Shipyard Limited was conferred the NIPM Best Corporate Citizen Award - 2019 on recognition of its CSR initiatives in Healthcare. The CSR Team of Cochin Shipyard Limited received the award from the District Collector Shri. S Suhas IAS.

ROTARY INTERNATIONAL "CSR EXCELLENCE AWARDS 2019"



Cochin Shipyard Limited was conferred the "CSR excellence awards 2019" on recognition of its CSR initiatives in the following categories:-

(a) Golden Award - Healthcare-Sanitation, (b) Platinum Award - Education-Special Education

Rotary International has introduced these awards in order to recognize and applaud the Corporates in this part of the world who are indulging in CSR initiatives. The awards were presented by the Global Trustee of Rotary Foundation, Gary Huang (past President of Rotary International) in a function held on 3rd September 2019 at Le Meridien Convention Centre, Kochi.

KMA CORPORATE EXCELLENCE AWARD FOR BEST CSR ACTIVITIES



Cochin Shipyard won the KMA CSR Excellence Award 2019 in its CSR initiative-'Health & Hygiene' segment. The CSR Team of Cochin Shipyard Limited received the award from the Jury during the function held on 03 July 2019

Kerala Management Association (KMA) every year conducts All Kerala CSR Conclave where major stakeholders in CSR participate, deliberate and discuss the best practices.

"SAFETY IS NOT JUST A PRIORITY. ITS A VALUE"



With the aim of "Creating a Safe Workplace", Safety and Fire Services department has started "HSE refresher training program - 2019" for all employees of CSL. The first session was inaugurated by Shri. Murugaiah, CGM-Tech and felicitated by Shri. Sreejith, CGM-SR and Shri. Suresh Kumar, GM-SB at METI Conference Hall on 22nd July 2019.

The dignitaries were eloquent on the need for imbuing the values of safety into our thoughts and actions. To sustain and grow in this competitive

environment entails for adopting highest standards of Safety and Quality into our processes.

The objectives of this refresher training program is to raise awareness on the need for safety and empower the employees in safety management, hazard identification, risk assessment and risk management. Participation in this program is mandatory for all CSL employees. In addition to the HSE Refresher Training Programme started, Certificate Training Programmes for specialized jobs is scheduled in the coming days. ■

Construction of Tuna Long Liner cum Gilnetter Fishing Vessels is being undertaken at CSL for the benefit of the fishermen beneficiaries at Tamil Nadu in association with the Fisheries Department, Tamil Nadu under a Tripartite agreement. This series of fishing vessel, having length of 22 Mtrs each are designed in partnership with Central Institute of

Fisheries Technology (CIFT) with inspection under Indian Register of Shipping. The effort of CSL is also be viewed as an effort to sustain the ecology by promoting long lining and gillnetting activity against the highly damaging trawling that currently exist in the region. Initially 16 such vessels are scheduled to be built in the company.

TUNA LONG LINER CUM GILNETTER FV 13



Ship No. FV 13, the Tuna long Liner cum Gilnetter Fising Vessel was launched by Smt. Susamma P, Senior Service Assistant (Office), CSL in the presence of C&MD, Directors and Sr. Officers of CSL and Tamil Nadu Fisheries on 02 Aug 2019

TUNA LONG LINER CUM GILNETTER FV 09



Ship No. FV 09, the Tuna long Liner cum Gilnetter Fising Vessel was launched by Smt. E.A Rjalekshmi, Leading Service Assistant (HK) CSL, in the presence of C&MD, Directors and Sr. Officers of CSL and Tamil Nadu Fisheries on 16 Aug 2019

**TUNA LONG LINER CUM
GILNETTER FV 14**



The company launched the 14th vessel of the series on 29 August 2019. Smt Sobha K B, Service Assistant (Canteen), did the honours for the company. The event was witnessed by the representatives of the owner, C&MD, Directors, other management team, officers, supervisors, workmen, Tamil Nadu Fisheries Department Team and others.

**TUNA LONG LINER CUM
GILNETTER FV 10**



Ship No. FV 10, the Tuna long Liner cum Gilnetter Fishing Vessel was launched by Smt. Chandrika Devi D, Jr. Superintendent (Office), CSL in the presence of C&MD, Directors and Sr. Officers of CSL and Tamil Nadu Fisheries on 30 Sep 2019

8000MT MINI BULK CARRIERS



Steel cutting of the four Nos 8000 DWT Mini General Cargo Ships (Ship No.25-28) was held on 4 Sep 2019 (Wednesday). Shri Pranab K Jha, Vice President – Shipping, JSW Steel Ltd did the honours in the presence of the C&MD, Directors and other dignitaries.

These 8000 MT Mini Bulk Carriers are built for M/s Utkarsh Advisory Services (part of JSW Group) for their Indian Coastal Operations.

These vessels will be used for transportation of coal, iron ore, lime stones, finished products etc between their Jaigarh Port and their Dolvi Steel Plant in River Amba near Dharamtar Port, which is undergoing capacity expansion from 5 MTPA to 10 MTPA and which is expected to become functional by March 2020. It is learnt that operations in and out of Mumbai Port/ Harbour are also planned with these vessels.

The order for 4 ships was bagged by CSL against stiff international competition, both with respect to time as well as cost. ■



CSL has successfully completed repairs of Eighteen vessels during the period from July to September 2019. Out of eighteen, repairs of four vessels were carried out at CMSRU and five vessels at ISRF apart from repairs of Nine vessels at CSL Main facility.

CSL Main facility

Passenger vessel MV Nancowry of Andaman & Nicobar (A&N) administration, INS Jyoti, INS

Short Refit of INS Jyoti – SR -18

INS Jyoti, third of the four Komandarm Fedko - class replenishment Tanker of Indian Navy, successfully completed her Short Refit on 29 Aug 2019 well within scheduled refit duration despite additional scope of work offloaded during the course of repairs. The refit was commenced on 01 May 2019 for duration of 124 days. INS Jyoti was modified for naval use, and is



Nireekshak & INS Sarvekshak of Indian Navy, MV Kavaratti, HSC Cheriapani, HSC Valiyapani, HSC Parali & MV Kodithala of Lakshadweep Development Corporation Limited (LDCL) were successfully repaired/refitted at main facility.

The vessels currently under repairs are MV Kalighat, passenger vessel of M/s A&N Administration, GTV Samudrasarvekshak owned by Oil & Natural Gas Corporation Limited, INS Jamuna, INS Sharda & Tug Sarti of Indian Navy, HSC Bangaram, HSC Viringili, MV Minicoy & MV Amindivi belongs to M/s LDCL.

now being operated by the Eastern Naval Command of the Indian Navy. She is the second largest ship of Indian Navy.

Major underwater jobs include shafting and propeller overhauling, Machining of Main propulsion shaft seal liner, overhauling of rudder, 55 Tons of Steel renewal etc. Other major works undertaken during the refit were Blasting and painting of approx. 10,000 SQ. Mtrs area, repairs/overhauling of various deck machineries, routines of

main engine, DGs, AC plants & refrigeration plants and boiler. Overhauling and survey of various electrical, navigation & communication equipment including LSA & FFA were completed during the refit.

MV Nancowry

MV Nancowry, a 1200 pax passenger vessel had undergone major dry dock repairs at CSL. This vessel is the 05th vessel repaired by CSL under the tripartite MoU between CSL, A&N Administration and SCI. CSL had done major revamping of this 27 year old Vessel by renewing 250 ton (approx.) steel and restoration of accommodation area. Other main jobs include major overhauling of main engine, auxiliary engines, major repairs of life boat and davits, repairing of deck

major jobs within the scheduled period and the vessel sailed off post completion of all mandatory surveys on 21 September 2019.

ISRF

INS Kalpeni, a fast petrol vessel of Indian Navy had undergone second phase of short refit for 40 days in ISRF and sailed off on 23 Aug 2019. Major works such as upgradation of habitability package, overhauling of deck machineries, replacement of Water tight Aluminum doors and hatches etc. were carried out during the refit.

Major drydock repairs of M.V. Skipper II of CIFNET Chennai was completed and vessel sailed off on 07

Sep 2019. LDCL vessels Tug Kiltan, HSC Blue Marlin, HSC Black Marlin and HSC Skip Jack were also completed Dry-dock repair works at ISRF. HSC Blue Marlin sailed off on 04 Sep 2019 and Tug Kiltan on 12 Sep 2019.

We were able to undertake simultaneous docking of LDCL vessels HSC Black Marlin and HSC

Skip jack at ISRF dry dock. Dock Gate closing arrangements were modified in house to accommodate these vessels each of length 32.13 metres in the total dock length of 66 metre. This enabled CSL to meet the requirement of LDCL to make the high speed passenger vessels available for service, post monsoon repairs, by September 2019.

CSL- Mumbai Ship Repair Unit (CMSRU)

Since commencement of ship repair activities at CMSRU on 18.01.19, fourteen (14) projects have



cranes etc. The vessel sailed off on 06th Sep 2019 after completion of repairs and all mandatory surveys.

MV Kavaratti

MV Kavaratti, a 750 pax all-weather passenger vessel, repaired by CSL under the tripartite MoU between CSL, LDCL and UTL. The vessel was dry docked at CSL during the monsoon season for major up gradation of AC plant, AHU and major repairs in the habitability spaces. CSL had completed all the

been successfully completed as on 30.09.2019. Repairs completed during last quarter include Anchor handling tugs of Shipping Corporation of India SCI Nalanda and PR Nayak, MSV Hal Anant of Hal offshore and Offshore Adventure of M/s Raj Shipping.

Major works undertaken on MSV HalAnant include steel renewal to the tune of 45 Tonnes, blasting and painting of underwater area, O/H of valves, pumps, etc. After successful completion of repairs the vessel sailed off on 15 July 2019.

SCI Nalanda was docked on 06 July 20 19 for undertaking routine dry dock repairs and boat davit replacement. After successful completion of repairs,

the vessel sailed off on 17 July 2019. PR Nayak has undergone extensive damage repair of underwater area. The vessel sailed off on 08 August 2019. "Offshore Adventure" was docked for underwater valve repairs and painting. The vessel sailed off after completion of repairs on 22 Aug 19.

Six vessels are presently undergoing repairs at CMSRU. This include AHTS HAL Supporter of Hal offshore, Dredger Shanti Sagar 4 of Adani Ports, MV Bharat Seema, passenger vessel of A&N administration, DSV SamudraNidhi of Shipping Corporation of India, Barge Mallinath of M/s Link ship and AWB Support station III of M/s Bayu Maritime. ■





Shri Jose VJ Joins as Director (Finance)

Shri Jose VJ, Assumed charge as Director(Finance) of Cochin Shipyard Ltd w.e.f. 01 Aug 2019. A Cost Accountant by profession Shri Jose VJ joined the Company as Assistant Manager on 21 Aug 1995. Since then he rose up in the ranks of CSL through dedicated & committed service in various capacities in the last 24 years.

RETIREMENT OF SHRI PAUL RANJAN, DIRECTOR (FINANCE)



Shri Paul Ranjan retired from the services of the company on 31 July 2019. Shri Paul Ranjan has put in more than 30 years of service in the company. He joined the company as Executive Trainee and rose in the ranks to reach the position of Director (Finance). We wish him all the very best for his retired life.

REPLACEMENT OF DAMAGED INLET VALVE PIPE LINE AT SHIP REPAIR DOCK PUMP ROOM

There are two inlet valves on both sides of the Repair Dock to facilitate the Flooding of the Ship Repair Dock. There are pipe lines on the water side of these valves through which the water enters to the dock

undertake the renewal of the damaged pipe line.

A team led by Mechanical maintenance II section of the U&M Department have taken up the challenge of



from the channel outside the dock.

During our periodic inspection we have noticed leakages from the pipe line connecting to the Port Side inlet valve. This damage was due to the corrosion of the pipe line at the Flange joints. The diameter of the pipe line is 2.2 meter .This minor leakage could lead to the total flooding of the Pump room if not attended on time. In this connection Civil Department had erected a Shutter at the water side to prevent the water ingress at the Port Side. Mechanical maintenance II section had decided to

renewal of the damaged pipe line. This was the first instance in the history of CSL that such work was being undertaken.

Details of work carried out

The pipe lines above the top cover of the inlet valve pit was rerouted to take out the inlet valve and the damaged pipe line. The damaged pipe line was cut and fasteners of the inlet valve were removed as the first stage of activities. Then the inlet valve along with the pipe line were removed from the pit and taken to

the Ship Repair Pipe shop. Fabrication of the new pipe line and the overhauling of the valve were carried out at the Shop Floor. . During detailed inspection, it was also noticed that the FRP coating provided on the valve was in a damaged condition and if the FRP coating is provided on the on the weld joints and the flange joints the life of the pipe line and valve will increase. Hence the FRP coating of valves and flange joints were done during the pipe renewal works. It was also noticed that the inside portion of the existing pipe is in a bad condition and hence the surface preparation and painting of the inside area of the pipe was also done during the renewal works. The new fabricated pipe was joined with the inlet valve at the shop floor. This assembly was then

Shop.

The Pipe fitters from the Ship Repair Pipe shop had done the fabrication works of the new pipe line with high precision so that the erection of the new pipe line was achieved without any hassle. Services Section and Electrical Maintenance –III sections of the U&M Department also contributed to this renewal works. Considering the complexity of this work extra care was given to the safety aspects during this repair works. The divers and safety persons were deployed on round the clock basis during the repair activities. This work was completed well within the schedule time with cooperation from various departments like Ship Repair Department,



erected at the site and the joined with the existing flange. The other side of the pipe line was welded to the existing pipe line at the pump room and testing of the valve was conducted.

High Tensile half thread hexagonal bolt, with single nut, plate washer & spring washer of Unbrako Make of size M30X160mm shank length were purchased from outside in connection with the pipe renewal works since the old fasteners were in a damaged condition. The 2.2 dia pipe line was fabricated in house using remnant plates issued by the Design Department and with the assistance from the Hull

Safety Department and Civil Department.

The team members have shown great commitment and high safety consciousness to take up this challenge of renewal of the pipe line and also to complete the work within a short span of time. They had invested their knowledge, experience and skill for completing the renewal work in fast track with extreme precision. The combined effort of these personal shows their attitude and loyalty to the Company in a cost effective manner which is highly appreciable. The Photographs of the works done are also attached herewith. ■

RIGHT TO INFORMATION – A STEP TOWARDS TRANSPARENCY AND GOVERNANCE IN PUBLIC WORKINGS

Aswin Sharma M.
ACS, ACMA

The preamble to the Constitution of India declares India to be Sovereign, Socialist, Secular and Democratic Republic and to secure to all its citizens Justice, Liberty, Equality and Fraternity. India is a Democracy where the Government is formed by the people, of the people and for the people. The word Democracy instils in itself transparency, fairness, accountability and good governance. Transparency can be related to the right to know and public access to information which can hold public authorities accountable for their actions. Government has been formed for the welfare of the people and is run on the money provided by the people. Hence, the citizens have all the right to know whether their money is properly utilised or not. For easy understanding, Good Governance aims at identifying the needs of the people and to include their views in the policies and decisions being implemented in the country which is facilitated by transparency and accountability. Keeping in mind the above, Right to Information Act was enacted on June 15, 2005 and became fully operational with effect from October 12, 2005.

The Right to Information Act extends to the whole of India including Jammu & Kashmir. It provides the citizens of India the right to secure access to information under the control of public authorities and also to submit the information so received to a

court of law for getting appropriate legal remedy. The Act entitles every citizen of India to obtain information from a Public Authority by forwarding a request in writing along with the prescribed fees (presently, Rs. 10). The citizens are required to give very few details to access the information and the interesting point here to note is that they are not required to give any reasons for seeking information, which will encourage citizens to seek access to information through the RTI Act that will in turn ensure transparency and fixes accountability on the public authority for their actions.

Even though the Right to Information Act, 2005 entitles the citizen to seek information, to avoid misuse of the precious time and resources of the Public Authority, the citizens are required to pay fees towards the actual cost of providing the information, which varies according to the mode of information supply. The Public Information Officer (PIO) will intimate the details of fees to be paid for providing the information. The fee has to be paid only through Cash, Postal Order, Demand Draft and Bankers Cheque. No other mode of fee payment is accepted under the Right to Information Act. Court Fee stamps/Revenue Stamps etc. cannot be used for payment of fees. The present rates of additional fees to be paid for obtaining information under the RTI Act are given below for your reference.

For each page (in A-4 or A-3 size paper)	Rs. 2/- per page
For a copy in larger size paper	Actual charge or cost price
For samples or models	Actual cost or price
For information provided in diskette or floppy	Rs. 50/- per diskette or floppy
Information in the form of publication	price fixed for a publication or rupees two per page of photocopy for extracts from the publication;
For inspection of records	No fee for the first hour; and a fee of Rs. 5/ for each hour (or fraction thereof) thereafter

However, no fee is required to be paid by a citizen belonging to Below Poverty Line (BPL) for accessing the information under the Right to Information Act, 2005. Also no additional fee is to be paid if the information is provided after the expiry of the time prescribed for providing the information.

The Right to Information Act, 2005 is governed by the Central Information Commission for Central Government Ministries and Departments and the State Information Commission for State Government Ministries and Departments. Also, Public Information Officers and Appellate Officers have been designated in each Public Authority. The Public Information Officer (PIO) is responsible for providing the information sought or rejecting the request within 30 days of its receipt. The first Appeal against the action of the PIO lies with First Appellate Authority who is a person working in the same public authority who is senior in rank to the PIO. The second appeal shall be preferred to the Central or State Information Commission.

Apart from hearing appeals the Information Commissions can also accept complaints from citizens relating to the matters coming under the purview of the Right to Information Act, 2005. The Information Commissions have the powers vested with the civil court for summoning and enforcing attendance of persons, receiving evidence of affidavits, issuing summons for examination of witness or documents, etc. The Right to Information Act, 2005 specifically bars the jurisdiction of courts on any matter related to Right to Information. However, the Supreme Court of India has recognised the right to information as a fundamental constitutional right through various judicial pronouncements and the citizens can always approach the Supreme Court for legal remedy.

The Right to Information Act, 2005 aims at disclosure of information held by the public authority, but the public authority also holds such information the disclosure of which would harm the sovereignty and dignity of the country or information relating to a third party or information relating to commercial confidence, trade secrets, intellectual property etc.

The citizens of India have a right to know about the affairs of the government but these rights are not absolute and it can be restricted in exceptional circumstances. In view of this, Section 8 has been inserted to the Right to Information Act, 2005, which protects certain information from disclosure. However, information may be disclosed if public interest outweighs the harm to the protected interests. Further, the Right to Information Act, 2005 shall not be applicable to the Intelligence and Security Organisations established by the Central Government as mentioned in the Second Schedule to the Act.

The Department of Personnel and Training, Ministry of Personnel, Public Grievances and Pensions has established a digital portal named RTI Online which facilitates electronic filing of RTI requests. The requester can also pay the fee electronically through the said portal while filing the request. Further, the RTI Act has mandated the Public Authorities to publish mandatory information on their websites in the form of Information Manual, which should have the particulars of the Public Authority, its functions and duties, rules and regulations, manuals and records held by it, directory of its officers and employees schemes available etc.

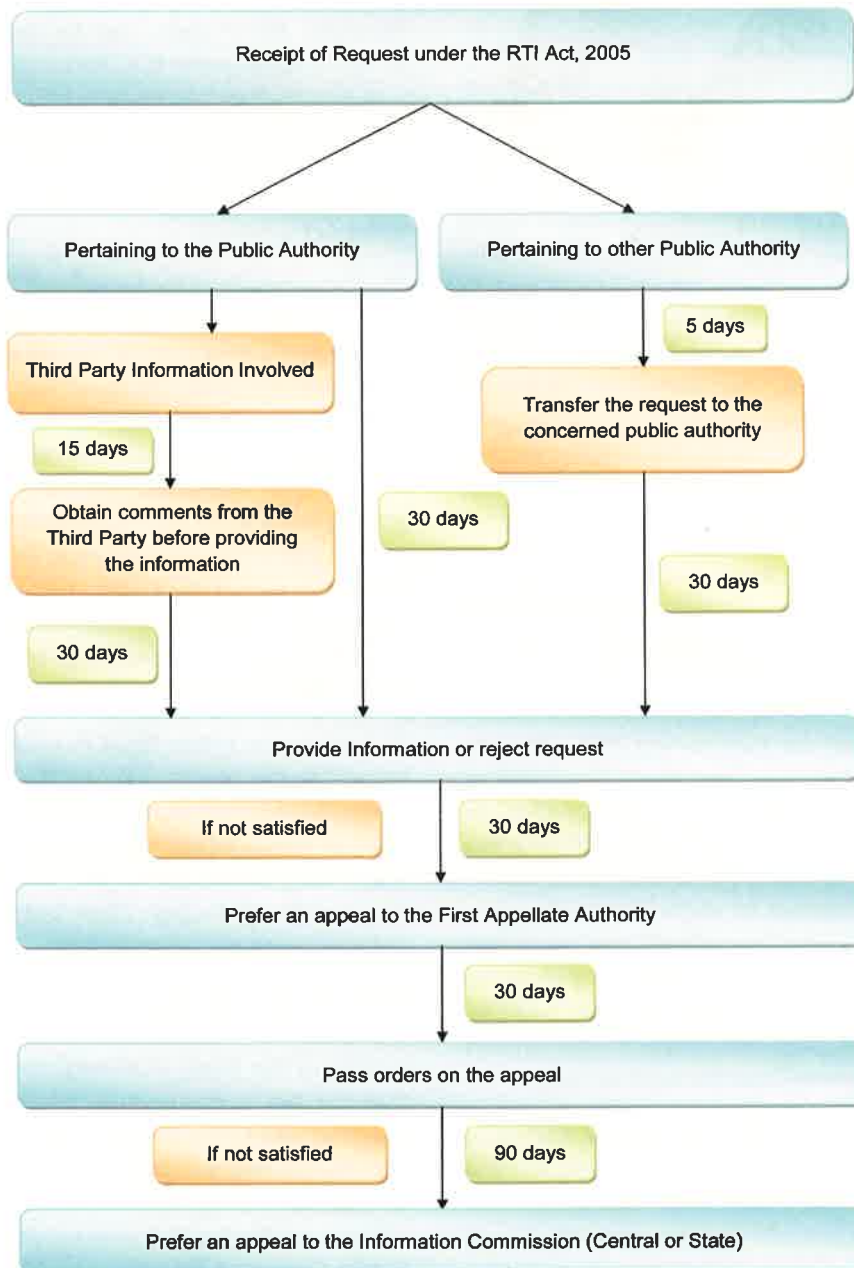
The provisions of the Right to information Act with respect to the tenure, salary, allowances and other terms of service of Information Commissioners of the Central Information Commission and the State Information Commissions were amended recently in the month of August 2019 but the date of its enforcement is yet to be notified.

Even though the Right to Information Act is a powerful tool in the hands of people to regulate the actions of the Public Authority, there are instances that the Act is misused by people for their own personal gains. The RTI Act can be used to access information only and queries and grievances cannot be addressed under the RTI Act, 2005. However, the citizens can file their grievances with the Centralized Public Grievance Redress and Monitoring System under the Ministry of Personnel, Public Grievances & Pensions through the P G Portal. There are also

instances where the information was denied in deserving cases. Nevertheless there is no doubt that the Right to Information Act, in the coming years, will

facilitate good governance in public working by bringing in transparency and accountability thereby reducing the instances of corruption in the government system.

Procedure for obtaining information and timelines



The author is Asst. Company Secretary and Asst. Public Information officer in the company.

COCHIN SHIPYARD CELEBRATES 73rd INDEPENDENCE DAY



Shri Madhu S Nair, Chairman & Managing Director, Cochin Shipyards Limited hoisted the National Tricolour at the Western Quadrangle of CSL.

After unfurling the flag, C&MD inspected the parade of the CISF Contingent and Marine Engineering

Trainees, undergoing training at METI, CSL, Kochi.

Addressing the gathering, C&MD wished the employees happy independence day. He also gave away employee excellence awards to the employees who were chosen by the company for the meritorious services in various facets of work. ■

EMPLOYEES EXCELLENCE AWARDS -2019 & SPECIAL AWARDS FOR MERITORIOUS SERVICES

Chairman's Commendation

	Name	Code No / Designation
1.	Shri. Vishnu R R	4733/ AM (NA)
2.	Shri. Shinoj K	4243/ WLF (ST)
3.	Shri. Mujeeb K	3727 / Rigger
4.	Shri. Harshal V R	2958/ CHMN- WF

Group Commedation

Sl.No.	Name	Code No / Designation
1.	Shri. Unnikrishnan K S	4184/JTA (Mech)- SG
2.	Shri. Jeessey John	4714/JTA (Mech)
3.	Shri.Renoy John	4288/WLF
4.	Shri.Mukundan C K	3165/ AE-SG
5.	Shri. Joby Jacob	4727/AE (Machinist)
6.	Shri. Shaheed M R	3171/JCHMN (WLF)
7.	Shri. Sathyan T O	3180/ Senoir Rigger
8.	Shri.Binu John T	3685/WLF
9.	Shri. Suresh Babu T S	3732/Rigger
10.	Shri.Dhijo Varghese V	3769/JTA (Mech)-SG
11.	Shri.AnieshKumar V A	3841/WLF
12.	Shri.Rajesh T A	4047/WLF
13.	Shri.Lavakumar C	3838/WLF

Productivity Excellence Awards

SL No.	Name	Code No / designation
1	Shri.Suhail T S	87931/Project Officer (Mech)
	Shri.Arun K	87320/ OA (Fitter)
	Shri.Manuprasad V K	87321/OA (Fitter)
2	Shri. Ullas Raj.S	87241/ OA (MD)
	Shri. Vinayachandran	87407/ OA (MD)

Special Awards for Meritorious Services

Name of the Employee/Team	Code No. Designation
1. Shri Sarunsha S S	87588/Fireman (Contract)
2. Shri Alphin Linto Antony	87592/Fireman (Contract)
3. Shri Shintu Celitus	87598/Fireman (Contract)
4. Shri Thomas P S	PC No.27281/Fire Watch
5. Shri Thankaraj K T	PC No.24865/Fire Watch
6. Shri Sudheer V K	PC No. 500/Sub Con Workmen
7. Shri Unni J S	PC No.3498/ Sub Con Workmen



TRAINEES DAY 2019 - CSL TRAINING INSTITUTE





The vibrant festival of Onam is one of the most popular and significant harvest festivals of Kerala. It is essentially a ten day festival celebrated with great fervor all over the state.

Last year owing to the devastating flood, the festival was kept at low key. This year, in September 2019, the festival was celebrated in the yard with colourful Pookkalam (Floral carpet) and Sadhya (Feast in plantain leaves) for all the employees of the company in its employees canteen.

C&MD, Directors and other employees participated in all the functions.





कोचीन शिपयार्ड में राजभाषा कार्यान्वयन

भारत सरकार की राजभाषा नीति के सफल कार्यान्वयन केलिए तथा अधिकारियों एवं कर्मचारियों के बीच राजभाषा हिन्दी के प्रचार-प्रसार बढ़ाने के उद्देश्य में हिन्दी कक्ष भरसक प्रयत्न कर रहा है। तिमाही के दौरान राजभाषा कार्यान्वयन के क्षेत्र में की गई गतिविधियों का ब्योरा नीचे दिया जाता है :

कोचीन शिपयार्ड लिमिटेड को राजभाषा कीर्ति पुरस्कार

कोचीन शिपयार्ड लिमिटेड को वर्ष 2018-19 के लिए राजभाषा हिन्दी के

2019 को श्री रमेश के जी, मुख्य महाप्रबंधक (मा.सं. व प्रशा.) ने दीप प्रज्वलन के साथ किया। जिसमें श्री सुभाष ए के, उप महाप्रबंधक (का.व.प्रशा.) व श्री संपत्तकुमार पी एन, सहायक महाप्रबंधक (प्रशा.) भी उपस्थित थे। कार्यक्रम का शुभारंभ श्री संपत्तकुमार पी एन द्वारा स्वागत भाषण के साथ हुआ। श्री रमेश के जी के अध्यक्षीय भाषण में उन्होंने राजभाषा कार्यान्वयन के लिए सबसे उत्कृष्ट कीर्ति पुरस्कार प्राप्त करने पर राजभाषा अनुभाग को हार्दिक बधाई देते हुए कहा कि अगली बार एक कदम और आगे बढ़कर बड़ी सफलता हासिल करने का प्रयत्न करना



सर्वोत्तम कार्यान्वयन हेतु भारत सरकार के गृह मंत्रालय से सर्वोच्च राजभाषा कीर्ति पुरस्कार से सम्मानित किया गया है। 14 सितंबर, 2019 को नई दिल्ली के विज्ञान भवन में आयोजित हिन्दी दिवस समारोह के अवसर पर श्री मधु एस नायर, अध्यक्ष व प्रबंध निदेशक, सीएसएल ने श्री अमित शाह, माननीय गृह मंत्री, भारत सरकार के उपस्थिति में श्री नित्यानंद राय, माननीय गृह राज्य मंत्री से पुरस्कार ग्रहण किया। पूरे भारत में कोचीन शिपयार्ड ग-क्षेत्र में सार्वजनिक क्षेत्र के उपक्रमों में तीसरे स्थान पर रहा और कोचीन शिपयार्ड दूसरी बार यह पुरस्कार जीत रहा है। वर्ष 2017-18 में भी सीएसएल ने यह पुरस्कार माननीय उप राष्ट्रपति से ग्रहण किया। सीएसएल को पिछले कई वर्षों से हिन्दी के कार्यान्वयन के लिए मंत्रालय द्वारा सम्मानित किया गया है।

पोत परिवहन मंत्रालय से राजभाषा शील्ड

पोत परिवहन मंत्रालय नई दिल्ली द्वारा क्षेत्र ग के अधीन राजभाषा के उत्कृष्ट कार्यान्वयन हेतु वर्ष 2018-19 के लिए कोचीन शिपयार्ड लिमिटेड को राजभाषा शील्ड से सम्मानित किया गया। यह पुरस्कार वर्ष 2016-17 और 2017-18 के दौरान भी कोचीन शिपयार्ड को हासिल हुआ है।

राजभाषा माह समारोह, 2019

सरकारी कामकाज में राजभाषा हिन्दी के प्रति जागरूकता तथा उसके उत्तरोत्तर प्रयोग में गति लाने के उद्देश्य से हर वर्ष सितंबर महीने में कार्यालय में हिन्दी पखवाड़े के रूप में मनाया जाता है। कोचीन शिपयार्ड में इस वर्ष राजभाषा माह के रूप में मनाया गया, जिसका उद्घाटन दिनांक 03 सितंबर

चाहिए। श्री सुभाष ए के आशीर्वाचनों में राजभाषा गतिविधियों को समाज में फैलाने पर जोर दिया गया। इस अवसर पर कर्मचारियों, प्रशिक्षार्थियों और कर्मचारियों के बच्चों के लिए हिन्दी में विभिन्न प्रतियोगिताएं आयोजित की गईं।

कर्मचारियों और कार्यपालक प्रशिक्षार्थियों के लिए हिन्दी में सलेख, अनुवाद व प्रशासनिक शब्दावली, निबंध लेखन, चित्र क्या कहता है, हिन्दी टंकण,



गद्यांश वाचन, भाषण, स्मृति परीक्षा, समाचार वाचन, हिन्दी फिल्म गीत (महिला और पुरुषों के लिए अलग - अलग) और प्रश्नोत्तरी प्रतियोगिताएं

आयोजित की गई। इसके अलावा कंपनी के प्रशिक्षार्थियों व ठेके कर्मचारियों के लिए स्मृति परीक्षा, गद्यांश वाचन, भाषण, हिंदी फिल्म गीत (महिला और पुरुषों के लिए अलग - अलग) और प्रश्नोत्तरी आदि प्रतियोगिताएं भी आयोजित की गईं। कर्मचारियों के बच्चों के लिए प्रतियोगिताएं तीन स्तरों पर चलाई गईं:- जूनियर स्तर के लिए सुलेख, सब-जूनियर स्तर के लिए कविता पाठ एवं स्मृति परीक्षा और सीनियर स्तर के लिए हिंदी फिल्म गीत एवं भाषण आदि।

राजभाषा माह के सिलसिले में एक विशेष कार्यक्रम के रूप में एर्णाकुलम जिले के सरकारी स्कूलों का दौरा करके छात्रों को हिंदी भाषा की प्रमुखता एवं उसके प्रति एक सकारात्मक नजरिया उत्पन्न कराने हेतु प्रशिक्षण सत्र और निबंध एवं भाषण प्रतियोगिताएं आयोजित की गईं, जिसके विजेताओं को प्रथम पुरस्कार ₹5000/-, द्वितीय पुरस्कार ₹4000/- और तृतीय पुरस्कार ₹3000/- तथा प्रमाणपत्र और ट्रॉफी भी दिया गया।

राजभाषा माह के प्रतियोगिता के विजेताओं को प्रथम पुरस्कार ₹1500/-, द्वितीय पुरस्कार ₹1250/- और तृतीय पुरस्कार ₹1000/- तथा प्रमाणपत्र भी दिया गया। इसके अलावा पुरस्कार न प्राप्त सभी भागीदारों को सांत्वना पुरस्कार के रूप में ₹500/- और प्रमाणपत्र भी दिया जाता है।

राजभाषा माह के दौरान विशेष गतिविधियां

1. नगर राजभाषा कार्यान्वयन समिति कोच्ची के तत्वावधान में एर्णाकुलम जिले के बाढ़ ग्रस्त स्कूलों को हिंदी पुस्तकें प्रदान की गईं।
2. राजभाषा माह के सिलसिले में एर्णाकुलम जिले के 12 सरकारी स्कूलों का दौरा करके छात्रों को हिंदी भाषा की प्रमुखता एवं उसके प्रति एक सकारात्मक नजरिया उत्पन्न कराने हेतु प्रशिक्षण सत्र व विभिन्न प्रतियोगिताओं का आयोजन भी किया गया।

केंद्रीय सचिवालय हिंदी परिषद्- अखिल भारतीय पुरस्कार

वर्ष 2018-19 के दौरान केंद्रीय सचिवालय हिंदी परिषद द्वारा अखिल भारतीय हिंदी टिप्पण एवं प्रारूप लेखन प्रतियोगिता में श्रीमती सुमी एस, उप प्रबंधक (मा.सं.) को तृतीय पुरस्कार से सम्मानित किया गया।

राजभाषा कार्यान्वयन समिति की बैठक

भारत सरकार की नीति के अनुपालन करते हुए हर तिमाही में राजभाषा कार्यान्वयन समिति की बैठकें नियमित रूप से आयोजित की जाती हैं। अप्रैल-जून 2019 तिमाही की राजभाषा कार्यान्वयन समिति की बैठक अध्यक्ष एवं प्रबंध निदेशक की अध्यक्षता में दिनांक 22 सितंबर 2019 को आयोजित की गई। पिछली बैठक के कार्यवृत्त की पुष्टि की और विविध विभागों द्वारा अपने-अपने कार्यालय में पिछले तीन महीने में किए गए कार्यों की पुनरीक्षा की। उन्होंने अधिकारियों के स्तर में हिन्दी को और अधिक बढ़ाने हेतु विविध सुझाव दिया।

हिन्दी कार्यशाला

जुलाई-सितंबर तिमाही का एक दिवसीय हिंदी कार्यशाला दिनांक 27.09.2019 (शुक्रवार) को मुख्य कार्यालय के सम्मेलन कक्ष में

आयोजित की गई। श्री शोजो लोबो, प्रबंधक (राजभाषा), केनरा बैंक, क्षेत्रीय कार्यालय, कोच्ची कार्यशाला के संकाय थे। सब से पहले उन्होंने सभी भागीदारों को अपना परिचय दिया और यह बताते हुए आगे बढ़े कि हिंदी भाषा एक ऐसी भाषा है जो दिलों को जोड़ता है। उन्होंने पवर पाइंट प्रस्तुतीकरण के जरिए कई ज्ञानवर्धक बातों को दिखाया और विषय की ओर बढ़े। भाषा की परिभाषा पूछते हुए सत्र आगे बढ़ा। कई प्रतिभागियों से भाषा की परिभाषा देने को कहा गया। हिंदी किस प्रकार देश की भाषा बनी उसका विस्तार और लोगों तक उसकी पहुँच इन सभी आयामों को छूते हुए सत्र आगे बढ़ा। कार्यालयों में हिंदी की उपयोगिता को किस प्रकार बढ़ाया जाए इस पर भी चर्चा की गई। कार्यशाला में नामित सभी भागीदारों ने इसमें भाग लेकर इस कार्यक्रम को शत-प्रतिशत सफल बनाया। कुल मिलाकर 10 प्रतिभागियों ने सक्रिय रूप से भाग लिया।



वेदांत माधव नानावरे
GME Trainee, METI

भगवान का दुसरा रूप है मां,
उनके लिए दे दुंगे जान
संस्कार वह हूँ सिखाती
अच्छा - बुरा हमें बताती
हमारी गलतियों को सुधारती
तबयत अगर हो जाए खराब
रात रात भर जागते रहती
खाना हमें पहले खिलाती
दुख सुख में साथ वो रहती
डाटती मगर प्यार भी बरसाती
लोरी के मीठे बोल गाकर सपनों को जगाती
वह जीवनदायिनी होती हैं मां

ADOPTION OF SYSTEMS THINKING FOR PERSONAL AND ORGANISATIONAL GROWTH

Capt. Ganpathy
AWPS (E)

Background

1. The Indian Society stands at a critical juncture today. Overpopulation, resource scarcities, degraded ecosystem functioning from pollution and biodiversity loss, climate change affecting both man and animal, pressures on society owing to fault line due to religion and caste, unemployment, terrorism; the challenges are numerous. While we all recognize the need to transition to sustainable, resilient ways of living, but the prospect of such a transition is daunting, not only from an administrative or logistical perspective, but also because it requires new ways of thinking about and addressing complex problems. In this article, I choose to elaborate on the concept of contemporary 'Systems Thinking' and draw parallels with Traditional Indian Philosophy while exploring avenues for promoting a 'Systems Thinking' Culture for sustainable development.

Concept of a System

2. A system is a set of things interacting in a way that produces something greater than the sum of its parts. Systems can range in complexity. Compare, for instance, a car, which is relatively easy to understand and even diagnose when something goes wrong, to a tropical rainforest, which contains so many living and nonliving components that we're only just beginning to understand how they work. All systems have a function or purpose that is brought about by the very nature of how the system is built. The universe can be viewed as a massive set of systems interacting in infinitely complex ways, with any given system containing various subsystems while simultaneously acting as a subsystem of a larger system.

3. Systems aren't objective things that exist "out there." They are subjective ways of thinking that

humans have come up with to make sense of the complexities of the world. Since "systems" are human constructions and can be thought of in infinitely many complex ways, we have to be clear about how we frame any particular system of interest. For example, what are its boundaries? What perspective are we taking when talking about it? How do its parts interact? And so forth.

Examples of Systems

4. In order to understand various views of a system, some examples are highlighted.



5. A human body is a set of DNA, cells, tissues, and organs that interrelate in complex ways to form a unique organism with higher intelligence and consciousness – a “greater whole” that simply cannot be explained by studying cells and neurons themselves.

6. A Forest is a collection of plants, animals, soil, water, and countless other tiny creatures and materials interacting in vast food webs and biological processes that give rise to a unique landscape dominated by trees. (Another set of plants, animals, soil, and water interacting in different food webs and with different biological processes produces something entirely different – say a grassland or a desert.)

7. An Economy is the set of rules, behaviors, and institutions that govern how people within a society exchange goods and services. Like the landscapes in the example above, all economies have the same general parts – people, goods, services, rules, and laws – but the unique ways in which they interact determine the unique form each one takes.

8. We tend to think of structures or phenomena as systems when we know there are things interacting in complex (often elusive) ways that generate a result we want to understand better – and likely change or improve.

What is Systems Thinking?

9. Systems thinking is concerned with expanding our awareness to see the relationships between parts and wholes rather than looking at just discrete, isolated parts. Holism, which is synonymous with systems thinking, derives its name from the Greek word holon, which refers to a universe made up of integrated wholes that cannot be understood by their parts alone. At its core, systems thinking means:-

- (a) Looking at the big picture
- (b) Looking at the big picture
- (c) Taking a wider perspective

(d) Considering multiple perspectives

(e) Peeling back the layers of the onion

(f) Examining how things relate

(g) Looking for root causes and improvements

(h) Challenging and changing our paradigms

Parallels with Traditional Indian Philosophy

10. Traditional Indian Society worked on the principles of the Varnashrama-dharma. It was based on natural classifications that appear to various degrees in all human societies, prevalent even today. Therefore for a society to thrive, the society itself was systematically segregated into various layers of humans performing different functions for the well being of the society. This society itself was a 'System' – A Complex Adaptive System.

11. Traditional Indian Philosophy or more specifically the Vedic Philosophy strived to view the world as one: 'Vasudaiva Kutumbakam', the whole world is one family. This effectively sums up the depth of intellect available in Indian Philosophy.

12. Ayurveda, Yoga, Vedic Rituals evolved over thousands of years have always looked at the human body as a system and human existence as part of nature.

13. Perhaps the most popular and most apt example of typical Systems Thinking is the Karmic Theory as propounded in the Bhagwat Geeta. Keeping aside the religious context of the Bhagwat Geeta, if we look at this book as a purely philosophical treatise, it sums up the whole concept of Systems thinking beautifully.

14. The various combinations of interacting entities would typically give rise to outcomes based on a single action which would be disparate in both space and time. Hence, an action taken by the Top Management today based on some problem would give rise to a different set of outcomes not previously expected either at a specified future time period or at a specified organizational level. In essence, I call this

as "Problems of Today are Solutions of Yesterday". Hence, Systems Thinking is effectively an exercise in the analysis of 'Cause and Effect' relationships between multiple entities.

15. Systems thinking is just a new name for a natural, innate way of relating to the world around us. Reductionism (looking at just the parts), dualism (viewing things as separate), and myopia (taking a narrow view) have increasingly supplanted this ancient way of relating, particularly in the last few hundred years of the industrial revolution. Systems thinking – the term given to the modern rebirth of holistic thinking in academic and professional fields – compels us to listen to our instincts, break down barriers, see the bigger picture, explore possibilities, and relearn much of what we've already known.

Some Examples

16. Reductionist/dualist/myopic thinking. Humans are separate from nature and need to control it to make our lives better and realize the greatest possible material progress.

17. Systems thinking. Humans evolved from nature and are inextricably linked to it. Nothing exists independent of the natural world. We depend upon it for our survival, even if the things it provides us – food, water, and natural resources for all the products we use – are coming from places we can't readily see. If we use up and damage too much of nature, we'll ruin the very habitat we and other creatures depend upon for survival.

18. Reductionist/dualist/myopic thinking. In order to reduce terrorism, we need to wage more war against the terrorists.

19. Systems thinking. Waging unprovoked war is what largely leads to terrorism in the first place. To stop terrorism, we need to stop the very actions that are causing it, not intensify those actions.

Why Systems Thinking is not Popular?

20. Most people have never heard of systems thinking. Chances are the concept is relatively new to

you if you're reading this now. If so, or if you're just naturally curious, you might ask, "Why should I think in systems and how is systems thinking more helpful than reductionist, dualist, or myopic thinking?" Why would one choose to take a narrow, incomplete view of the world, seeing everything and everyone as separate, when we can take a wider perspective that recognizes the simple fact that things are interconnected in many different ways, leading to consequences because of those connections, not in spite of them?

21. Rather than asking why one should think in systems, perhaps the more piercing question is: why has holistic thinking been stamped out of us again and again over time, most vigorously so during the modern industrial age? The simple answer is that power and control are not compatible with a well-educated citizenry that sees the big picture. Modern industrial civilization is built upon the mechanization and commodification of society and nature. Those at the top benefit from the lower working class, who chase the commodities. If we become aware of this vast, complex machine and start to understand how it works, we might want to break or change it! We might want to create a different system in which all parts of society and nature can flourish, not just those in power. A deeper analysis of our modern educational system is oriented around rote memorization of endless facts that most people find useless in their lives. If we learned what is really useful – how parts and wholes interact, tapping into the full capabilities of our minds – power structures would face a serious threat.

Cultivating the Habit of Systems Thinking

22. All humans have an innate tendency to think in terms of Systems. It depends on how much do we actually use it. When we term some person as being highly analytical, it also means that that person tends to think in terms of systems. So, how do we cultivate the habit of Systems Thinking?

23. There are no easy methods. There are no cookbooks. There are however some guidelines, which can be considered before setting into the path

of Systems Thinking.

24. Be a critical thinker. Don't just readily accept what anyone or any ideology says. Think for yourself. Consider the motivations behind what anyone says or claims and demand cogent reasoning and empirical or experiential evidence.

25. See the connections. In the process of digging you'll start to see all the complex ways in which things in our lives are intertwined. Pull on one string and find it's connected to another – which is connected to yet another, and so on. Nothing exists in isolation. The parts dwell in the wholes and the wholes dwell in the parts. As the Upanishads famously states, "Tat tvamasi" – "thou art that."

26. Expand the time horizons of your thinking. The extent to which we think way back in time and way forward in time has a tremendous impact on how barriers are broken down – or erected – in our thinking and thus how we see the ways in which parts and wholes interact.

27. Expand the spatial horizons of your thinking. We can think about things on a very small spatial scale or a very large spatial scale, or anything in between – from atoms, to cells, to organisms, communities, ecosystems, the planet, the solar system, the galaxy, the universe, and even other universes.

28. Consider multiple perspectives. What is meant by "perspective" in systems thinking is not an opinion or position, but another way of framing a system, usually its boundaries and dynamics. For example, take someone who is fishing on a river. We can examine this scene from a number of perspectives. We can take an energetic/economic perspective, looking at the gas and money spent to drive to and from the river and how that measures against the return of energy gained through sustenance from any fish caught. We can look at the angler through a recreational/spiritual perspective, considering the joy, expansiveness, and oneness with nature

29. Practice. Finally, there has to be a conscious effort towards practicing systems thinking till it becomes second nature. The more deeply you think,

the more you will realise the inevitability of time and outcomes, which would provide you greater courage to focus on the present to do the right thing.

Conclusion

30. As a nation, we need to revisit our roots of this great civilization. Countries like Japan and China are classic examples of where they have leveraged their traditional philosophies and integrated with the contemporary world. Their world views albeit modern are deeply rooted in their traditional philosophies.

31. India is identified through a five thousand year old civilization and it is time we start looking at this country from that prism. This country had an effective education system based on the Gurukul Concept.

32. Modern Digital Technology has provided us easy accessibility to various Sanskrit Treatises of the Vedic Period. We have to get out of the narrow mindset of attributing language and these treatises to a religion and view it from different perspectives. All the answers to our modern day problems exist in these treatises, it is a question of looking at it from a different perspective.

33. If we truly want to be a world power be in economically or militarily or culturally, it is time that we go back to our roots.

Note: The views expressed by the author are purely personal and does not in any way endorse any religious/group ideology ■



ആർട്സ്

ഓണാഘോഷം:

CSRCയുടെ ഓണാഘോഷം സെപ്റ്റംബർ 6-ാം തീയതി വളരെ ഗംഭീരമായി നടത്തുകയുണ്ടായി. ഓണാഘോഷയാത്ര നോർത്ത് ഗേറ്റിൽ നിന്നും ആരംഭിച്ച് കപ്പൽശാലയ്ക്ക് അകത്തു കൂടി വനിതാ ശിങ്കാരി മേളത്തിന്റെയും പുലികളിയുടെയും അകമ്പടിയോടുകൂടി മാവേലി തമ്പുരാനെ ആനയിച്ച് CSRC അകണത്തിലേക്ക് എത്തിക്കുകയുണ്ടായി. Training Institute ൽ വെച്ച് AGM ശ്രീ. കൊളന്തവേലു സർ മാവേലിക്ക് ഗംഭീര സ്വീകരണം നൽകി. മാവേലിത്തമ്പുരാനെ CSRC അകണത്തിലേക്ക് എതിരേറ്റതിനു ശേഷം CSRC പ്രസിഡണ്ട് ശ്രീ. എം.ഡി. ജോസ് പതാക ഉയർത്തി ഓണാഘോഷത്തിന്റെ തുടക്കം കുറിച്ചു.

തുടർന്ന് വടംവലി മത്സരം അരങ്ങേറി. AC CISF മത്സരം ഉദ്ഘാടനം ചെയ്തു. നാല് ടീമുകൾ (CSL-A ടീം, CSL-B ടീം, CISF, METI ടീം) മാറ്റുരച്ച വാരിയേറിയ മത്സരത്തിൽ CSL-A ടീം ഒന്നാം സ്ഥാനവും CSL-B ടീം രണ്ടാം സ്ഥാനവും കരസ്ഥമാക്കി.

ഹൗസ് അടിസ്ഥാനത്തിൽ നടത്തപ്പെട്ട പൂക്കളു മത്സരത്തിൽ മൂന്ന് ടീമുകൾ പങ്കെടുത്തു. Red ഹൗസിന് ഒന്നാം സ്ഥാനവും, Green ഹൗസിന് രണ്ടാം സ്ഥാനവും Blue ഹൗസിന് മൂന്നാം സ്ഥാനവും ലഭിച്ചു. മത്സരങ്ങൾക്ക് ശേഷം പായസ വിതരണവും നടത്തുകയുണ്ടായി.

തുടർന്ന ഓണാഘോഷം നമ്മുടെ C&MD ശ്രീ. മധു എസ്. നായർ അവർകൾ വിളക്ക് കൊളുത്തി ഉദ്ഘാടനം ചെയ്തു. ഡയറക്ടർ (ഓപ്പറേഷൻസ്) ശ്രീ. സുരേഷ് ബാബു അവർകൾ ഓണസന്ദേശം നൽകുകയും ചെയ്തു. സ്വാഗതം ജനറൽ സെക്രട്ടറി ശ്രീ ഹർഷലും അദ്ധ്യക്ഷ പ്രസംഗം പ്രസിഡണ്ട് ശ്രീ എം.ഡി. ജോസും നിർവ്വഹിച്ചു. ശേഷം എസ്.എസ്.എൽ.സി., പ്ലസ് ടു വിജയികൾക്കും വേൾഡ് കപ്പ് ക്രിക്കറ്റ് പ്രവചന മത്സര വിജയികൾക്കും ഓണാഘോഷ മത്സര വിജയികൾക്കും ക്യാഷ് പ്രൈസ് നൽകുകയുണ്ടായി.

ചടങ്ങുകൾക്ക് ശേഷം കൊച്ചിൻ പാബ്ലിസിറ്റിന്റെ 'തിരുമുടിയാട്ടം' നാടൻ പാട്ടുകളും ദൃശ്യാവിഷ്കാരവും അവതരിപ്പിച്ചു.

സ്പോർട്സ്:

ആഗസ്റ്റ് 4-ാം തീയതി Decathlon സംഘടിപ്പിച്ചു. സൂപ്പർ സിക്സ് ക്രിക്കറ്റ് ടൂർണമെന്റിൽ പങ്കെടുത്തു.

ലിറ്ററി:

CSRC സാഹിത്യ സദസ്സ് താഴെ പറയുന്ന ചർച്ചകൾ സംഘടിപ്പിച്ചു.

13 ആഗസ്റ്റ്, 2019ന് ശ്രീ. എൻ.എസ്. മാധവന്റെ 'ഹിഗ്ലിറ്റ്' - ചെറുകഥ ചർച്ച.

25 സെപ്റ്റംബർ 2019ന് - ശ്രീ. കടമ്മനിട്ട രാമകൃഷ്ണന്റെ 'കുറത്തി' കവിത ചർച്ച.

കവിത രചന മത്സരം:

സെപ്റ്റംബർ 28, 29 തീയതികളിൽ പ്രളയം വിഷയമാക്കി ഓൺലൈൻ കവിത മത്സരം നടത്തുകയുണ്ടായി.

- ഒന്നാം സ്ഥാനം : ശ്രീ. വേണുഗോപാൽ ടി.എസ്. - 3975
- രണ്ടാം സ്ഥാനം : ശ്രീ. അനുരാജ് കുമാർ - 3945
- മൂന്നാം സ്ഥാനം : ശ്രീ. സുജാത സി.ഐ. - 2986

ജീവകാരുണ്യ പ്രവർത്തനങ്ങൾ:

കൊച്ചി കപ്പൽ ശാലാ തൊഴിലാളികളുടെ പങ്കാളിത്തത്തോടെ എറണാകുളം ജനറൽ ആശുപത്രിയിലെ പാവപ്പെട്ട നിർധനരായ കാൻസർ രോഗികൾക്കുള്ള മരുന്ന് വിതരണം ആഗസ്റ്റ് മാസം CSRCയുടെ ആഭിമുഖ്യത്തിൽ നടത്തപ്പെട്ടു.

CSL ഉം BIN it Indiaഉം ചേർന്ന് സംഘടിപ്പിച്ച "One step towards plastic free India" എന്ന പ്രോഗ്രാം CSRC വളരെ ഭംഗിയായി ഏറ്റെടുത്ത് നടത്തി.

HIGH POWER DELEGATION FROM GOVT OF NCT OF DELHI AT COCHIN SHIPYARD



The Study Mission from the Government of NCT, Delhi visited on 18 Sep 2019 as part of the programme organized by the Confederation of Indian Industry to study the ACT Apprenticeship Programme and Skill Development Activities undertaken by the company

The team spent a whole day interacting with the CGM (HR & Training) and other officials of CSL and also the trainees.

IN HOUSE SKILL DEVELOPMENT



Pipe Fitter – IV Batch – 19 Mar 2019 to 07 Aug 2019



Electrical Fitter – IV Batch – 21 Mar 2019 to 09 Aug 2019



Structural Fitter & Welder – VI Batch – 19 Mar 2019 to 07 Aug 2019



Engineering Fitter – V Batch – 21 Mar 2019 to 09 Aug 2019

'PRAJYOTI' LEADERSHIP TALK SERIES – 9



different parts of the country. Shri Balagopal is a Member, MHR 11 Committee, Bureau of Indian Standards, Confederation of Indian Industry (CII), New Delhi, Charter Member, and first President, TiE Kerala Chapter and also a Member, Board of Directors of the Federal Bank Limited.

Shri Balagopal has written various books and has been conferred with various awards like Management Leadership Awards of Trivandrum Management Association, National R&D Award for successful commercialization of indigenous Technology by Ministry of Science & Technology, Govt. of India, National Exports Awards, Outstanding

Entrepreneurship Award from Kerala State Industrial Development Corporation, Business Excellence Awards from the Trivandrum Chamber of Commerce and Industry etc.

Shri Balagopal interacted with the officers assembled, in the question answer session that followed the talk. The entire interactive session and speech were well received by the audience. ■

The ninth edition of the bimonthly 'Prajyoti' leadership talk series was held on 21st September 2019 at CSL METI Assembly hall. Shri C. Balagopal IAS Former Bureaucrat and founder Terumo Penpol Ltd. A Post Graduate in Economics, from Loyola College, Madras University, Shri Balagopal joined the Indian Administrative Service in 1977. He served the career in various posts in the state of Manipur and Kerala till 1983.

Shri Balagopal, along with his wife Vinta, has set up ANAHA Trust which funds social entrepreneurship ventures in



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AND PROSPEROUS RETIRED LIFE



Shri Paul Ranjan D, Director (Finance) Code No.2783
Shri Ouseph PO, Chargeman (Structural), Code No.2741

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Shri Thomas P X, Assistant Engineer –SG, Code No.2567
Shri Krishnan P A, Asst Engineer –SG, Code No.2698
Shri Basheer V H, Asst Engineer –SG, Code No.2861
Shri Kesavan Nair K P, Chargeman (Welder cum Fitter), Code No.2963
Smt Madhavi K K, Leading Service Assistant (Office), Code No.2834



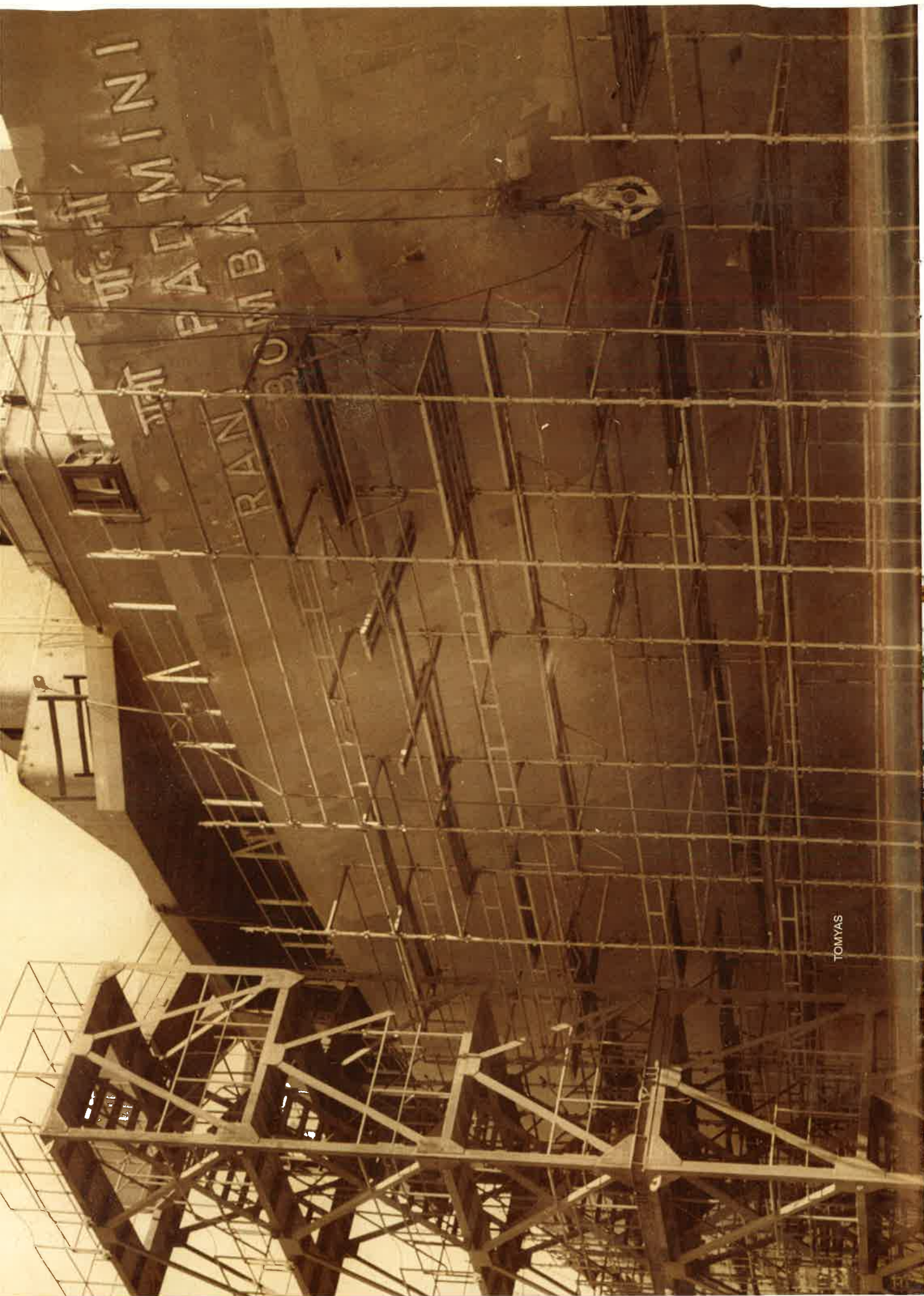
PARAMESWARAN A B, ELECTRICIAN FITTER, CODE NO.2394,
PIUS M J, CHARGEMAN (ELECTRONICS), CODE NO.2937

AUG 2019
SEP 2019

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Aneesh,
Outfit Assistant, Pipe Shop,
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TOMYAS