



APRIL 2020

GRSE *Varta*

HOUSE JOURNAL OF GRSE



INFINITE PASSION
MEETS UNWAVERING COMMITMENT



BUILDERS OF 100 WARSHIPS

“Warships Delivered by GRSE in FY 2019-20”



INS KAVARATTI



IN LCU L-57



ICGS AMRIT KAUR



ICGS ANNIE BESANT



P-17A Stealth Frigate



Survey Vessel (Large)



ASWSWC

**MESSAGE FROM
 CHAIRMAN & MANAGING DIRECTOR**

I would like to extend warm greetings to all the GRSE employees and their families on the special occasion of the release of ‘GRSE Varta 2020’.

GRSE has evolved by setting the benchmark in engineering excellence during the glorious 60 years of its operations. We have provided leadership to maritime production through innovations in designing procedures and outstanding proficiency in Shipbuilding. Adherence to these values has helped GRSE scale great heights.

The past year 2019-20 was an exciting one for GRSE as we delivered 4 warships to the Indian Navy and Indian Coast Guard. Recently, GRSE delivered the 4th Anti-Submarine Warfare Corvette, Yard 3020 (Kavaratti) to the Indian Navy. This was the last in the series of 4 Anti-Submarine Warfare Corvettes (ASWC) under Project 28 and the 104th Warship delivered by GRSE since 1960, the highest number of deliveries achieved by any Shipyard in our country. The 5th FPV, last in the series, was launched and keel was laid for two warships viz. the 1st Survey Vessel (Large) and the 2nd Ship of the Project P17A. Year 2019 thus started on a encouraging note backed up with a healthy Order Book position of around Rs 27,000 crore with a total of 18 warships at various stages of construction. GRSE signed the contract for 08 ASWSWC for the Indian Navy won on competitive bidding basis, in this very year.

Business development in GRSE had a rousing start, in terms of strategic MoUs signed in FY 2019-2020. The shipyard signed three strategic MoUs. The first was a tripartite agreement between GRSE, M/s Elbit and BEL, the second was between GRSE and M/s Konsberg, Sweden and the third was between GRSE and M/s Berd, Portugal. In July 2019, GRSE was also recognized as one of the ‘Next Fortune 500 Companies of India’. Recently, GRSE was awarded the PSU Governance Now Award 2019 in the categories of Digital PSU, Communication Outreach and CSR Commitment and many other prestigious laurels came our way this year.

GRSE continues to sail on a growth trajectory with a plan to incorporate latest technologies like Artificial Intelligence, Machine Learning and Data Analytics in various areas of operations with a view to improving internal efficiencies and profit margins. We intend to increase our shipyard capacity from 20 ships - 24 ships concurrently in another 3-4 years’ time, to construct more ships in lesser time. In order to bring a change in the work process and to optimize quality of deliveries, all officers and employees are urged to continue improving their efficiency levels. Your feeling of ownership towards GRSE will take the shipyard to even greater heights of success.

I, once again, take this opportunity to compliment all employees and their family members for their sustained efforts and contribution in taking GRSE to greater heights. I also urge them to re-dedicate themselves and focus on enhancement of Productivity, Quality, Cost Effectiveness and Safety so that together we can overcome the challenges of the future and deliver quality warships on time.

Jai Hind!

Jai GRSE!



Rear Admiral VK Saxena, IN (Retd.)

MESSAGE FROM DIRECTOR (FINANCE)



Warm greetings to all the employees and associates of GRSE on the release of 'GRSE Varta' as we successfully complete 60 years as a Defence Public Sector Undertaking.

The year 2019-20 saw GRSE raise the number of its deliveries to an aggregate of 104 warships for the Indian Maritime Forces & Mauritius Govt. The year 2019 started on a healthy note backed up with a strong Order Book position of around Rs 27,000 crore with a total of 18 warships at various stages of construction. In this year, GRSE signed the contract for Eight Anti-Submarine Warfare Shallow Water Crafts for the Indian Navy on competitive bidding basis.

GRSE has been consistent in paying dividend to the shareholders every year and has done so for the last 26 years. Dividend Cheque of Rs. 59.31 crores for the FY 2018-19 was handed over by GRSE to the Hon'ble Defence Minister of India Shri Rajnath Singh in Delhi. We recorded 9% revenue growth at Rs 976.61 crores for the first nine months of this fiscal year compared to Rs 897.21 crores in the same period of the last fiscal year.

A year after becoming the first Defence Shipyard to be listed in the Stock Exchange, GRSE won recognition as one of the 'Next Fortune 500 Companies in India' at an event celebrating

'India's Largest Midsize Companies and Value Creators' in July 2019. The FY 2019-20 was capped off with the signing of three strategic MoUs at the Defence Expo 2020 at Lucknow. This included an agreement for collaboration with Portuguese firm M/s Berd, in the field of Modular Bridges for military and civil use. It is a testimony to the fact that although we derive our major revenues from shipbuilding, our capabilities in the areas of other engineering activities are also being appreciated globally. One of the reasons for GRSE's success is that there is no room for complacency in our company. GRSE won several prestigious Awards this year including SCOPE Corporate Communication Award, Governance Now PSU Award for Communication Outreach, National Award for Excellence in Cost Management and many more.

Let us all continue to be more focused on our targets with eyes firmly fixed on efficiency, improved productivity and commitment to greater success and grander achievements.

Once again, best wishes to Team GRSE and their families!

SS Dogra
SS Dogra

MESSAGE FROM DIRECTOR (SHIPBUILDING)



I extend my good wishes to all the employees of GRSE and their families on the momentous occasion of the release of the 2020 edition of the "GRSE Varta". May the year bring with it health, happiness and safety to all.

The Financial Year 2019-20 has been an eventful year, during which the Shipyard delivered a total of 04 ships to the Indian Navy and the Coast Guard. These were the Y- 3020 (Kavaratti) and Y - 2098(L-57) to the Indian Navy, Y - 2114 (Annie Basant) and Y- 2115 (Amrit Kaur) to the Indian Coast Guard. With the delivery of Y- 3020, the shipyard has completed the construction & delivery of all four ships of the P-28. These ships have an indigenous content of 90% and a "First in the Country" of the unique Carbon Composite Superstructure, integrated to a steel hull on Y-3019(Kiltan) & Y-3020(Kavarati).

GRSE participated in the DEFEXPO at Lucknow in February 2020 with a proud display of the Digital Initiative and a spectrum of products from Ships, to Deck Machineries, Diesel Engines and Bridges. An opportunity was also given to the Kolkata Cluster of MSMEs to display their products. Important Memorandum of Understandings (MOUs) were signed. A "Tripartite Agreement" was signed between M/s BEL, ELbit, Israel and GRSE towards

development of an Unmanned Surface Vessel (USV) with significant indigenous content. MOUs were also signed with M/s Kongsberg for exploring coproduction of Propulsion Water Jets in India and with M/s BERD, Portugal for Bridges.

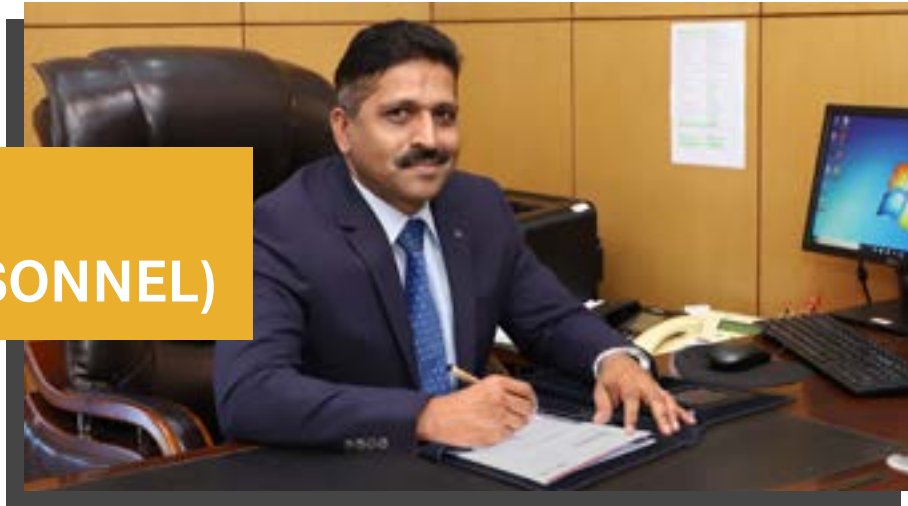
The Central Design Office (CDO) of GRSE has been a hub of vibrant activity, pro-actively handling ship designs of three concurrent Shipbuilding Projects. With a Virtual Reality Laboratory (VRL) and the state-of-the-art, contemporary software, the Design Team is making significant contribution to shipbuilding. Similarly, hectic onground activity for Ship Production is in progress at geographically diverse locations, towards meeting production & delivery targets. It is essential that we enhance productivity to meet Project Schedules with a view to deliver "Quality Ships On Time". This is essential to remain relevant in the competitive environment of Shipbuilding in the domestic and the global market.

I wish the GRSE family all the very best in all endeavours and the year ahead.

S Nayyar
Cmde S Nayyar, IN (Retd.)



MESSAGE FROM DIRECTOR (PERSONNEL)



My heartiest wishes to all GRSE employees and their families on the occasion of the release of our house journal “GRSE Varta 2020”

2019-20 has been remarkable in terms of achievements for the Shipyard, and this would not have been possible without the determined efforts of the entire Team GRSE. ‘Human capital is our most vital asset and GRSE considers building a hearty and robust HR system through various HR initiatives notably Systemic Learning & Development Practices and Leadership Development programs in collaboration with esteemed institutions.

GRSE has carried out a Gap Assessment in line with People Capability Maturity Model (PCMM) with a view to enhance the readiness of the organisation towards undertaking increasingly complex work by helping Attract, Grow, Inspire, Deploy and retain talent needed to improve their capability.

To recognize the hard work of the employees, we have initiated new Reward Schemes like ‘Employee of the Month’, ‘Star Performer Award’, ‘CMDs On-the-Spot Cash Award’, ‘CMDs On-the-Spot Commendation’ and ‘Employee Innovation Scheme’.

With the objective of creating a close-knit culture and engagement amongst the team, GRSE has undertaken various activities such as Sports Activities, Cultural Extravaganzas and Family get-togethers. The Annual Family Day ‘Ahoban’ was attended by around 900 employees and their families. I am proud to state that GRSE was recognized for its efforts and was the recipient of Prestigious Awards including “Governance Now PSU Award in Digital PSU Category”, CSR Commitment, and “Stars of Industry Award for Excellence in Training and Development”.

The prevalent pandemic situation has redefined the way we live and the way we need to work. I am confident that we will definitely tide over this unprecedented situation and come out with flying colours, and take our shipyard forward in the path of glory and success.

Once again, wishing all our employees and families successful times ahead, filled with good health.

MESSAGE FROM CHIEF VIGILANCE OFFICER



It is a matter of immense pleasure that our much awaited in-house journal “GRSE Varta 2020” is being published highlighting the achievements of the year gone by. In a large organization like ours, this journal is a wonderful opportunity for the employees to know about the major events during the year, work culture and best practices.

The year 2019 has been an eventful one indeed in terms of completion of delivery of warships to Indian Navy & Indian Coast Guard. GRSE is open to face all challenges in this competitive market from private and foreign shipyards to PSU organizations. This year GRSE added yet another feather to its cap with the delivery of its 104th Warship, INS Kavaratti the 4th & last Anti Submarine Warfare Corvette to Indian Navy. This is indeed a great achievement for a Defence PSU.

One of the important aspects of GRSE is that it constantly attempts to reduce time and cost overruns and ensures high standard of productivity. Vigilance is the responsibility of

all the stakeholders of the organization including officers and employees and not only the Vigilance Department. The Vigilance Department has a key role to play as it ensures that the employees on board abide by these rules so that there is no wastage or leakage of funds. Celebration of Vigilance Week, to create awareness among Employees is an initiative taken by the Vigilance Dept. every year. The Department ensures that the decisions taken by the Officers and Employees are in the best interest of the Company, and free of influences like personal gains. We must continue to be watchful against undue wastage of resources of the Company.

Let us look forward to a healthy and rewarding FY 2020-21!

D Mahto



Magical Milestone

Delivery of INS Kavaratti, the 104th Warship



The splendid journey started in 1961 with the Delivery of Seaward Defence Boat (Mk-I) is continuing with the delivery of the 104th Warship, an Anti-Submarine Warfare Corvette (ASWC), INS Kavaratti on 18 Feb 2020 by GRSE.

“Kavaratti” was handed over by Rear Admiral VK Saxena, IN (Retd.), Chairman & Managing Director, GRSE to Cdr. Sandeep Singh, Commanding Officer (Desig) of the Ship, in the presence of Cmde. DK Goswami, CEO, Chairman, D448 Eastern Naval Command, Shri S S Dogra, Director (Finance), Cmde. Sanjeev Nayyar, IN (Retd), Director (Shipbuilding) and Cmde. P R Hari, IN (Retd), Director (Personnel) and other Senior Officials of Indian Navy and GRSE.

The first three ships of the series, INS Kamorta, INS Kadmatt & INS Kiltan were delivered earlier and now form an integral part of Eastern Fleet of the Indian Navy. The P 28 Class of Ships strengthen the Indian Defence System and is the shining Armor in the “Make in India” Programme.

The first 03 Anti-Submarine Warfare Corvettes built by GRSE have been creating waves across the world since their induction to the Indian Navy, having participated in several Overseas Operations and International Maritime Exhibitions at Malaysia, Singapore and other countries including International Fleet Reviews. With 90% Indigenous Content, equipped to fight in Nuclear, Biological and Chemical Warfare conditions, featuring the integration of a host of weapons and sensors, the P 28 Class of Ships are yet another milestone in the journey towards self – reliance and Make In India. These Anti-Submarine Warfare Corvettes have catapulted the Indian Navy into the Elite Club of building Stealth Ships. The “X” form of

the Hull and Super Structure gives very Low Radar Cross Section and special design of propulsion system minimizes Radiated Underwater Noise. The Stealth features make the ships almost invisible to the enemy both above and below the sea surface.

The Kamorta class of Corvettes are designed to be equally effective in the littorals as well as in the deep oceans. These class of ships have been designed as extremely versatile ASW Platforms capable of neutralizing the enemy submarines using indigenous weapons like Torpedoes, Rocket Launchers and integral Helicopter. The ship has a displacement of 3250 tonnes, length of 109 M and width of 12.8 M, a maximum speed of 25 Knots, with an endurance of over 3400 NM at 18 knots speed and can accommodate 17 officers and 106 sailors.

Some of the special features incorporated in these ships for the first time in the country include the following:-

- Special High Strength Warship Grade Steel Type DMR 249A Indigenously developed and used for shipbuilding for the first time in the country on these ships.
- INS Kavaratti and INS Kiltan are the first two major warships to have the unique feature of Superstructure made of Carbon Fiber Composite Material. It is for the first time in the country that such composite material has been integrated with steel hull of a ship and GRSE is the first shipyard in the country to have successfully achieved this task.
- Over 90% Indigenous Content and hence a major step towards achieving self-reliance in the state of the art warship design and construction.

The journey from delivering “Kora Class” Missile Corvettes way back in the 1990s to the delivery completion of the four Anti – Submarine Warfare Corvettes gives GRSE the exclusive edge in construction of these Frontline Corvettes for the Indian Navy.



Inside INS Kavaratti



Launching

The 4th and Last ship, in the series of 04 Anti-Submarine Warfare Corvettes, INS Kavaratti (Yard No. 3020) was Launched on 19 May 15. The ship was Launched by Smt. Manita Singh, wife of Rao Inderjit Singh, Hon'ble Raksha Rajya Mantri. The occasion was marked by the august presence of Admiral R.K.Dhowan, Chief of Naval Staff, Vice Admiral Satish Soni, Flag Officer Commanding-in-Chief, Eastern Naval Command and Vice Admiral A.V.Subhedar, Controller of Warship Production and Acquisition



Keel Laying

The Keel of the 4th and Last ASW Corvette, INS Kavaratti (Yard 3020) was laid on 20 Jan 12



Delivery of IN LCU L-57



GRSE Delivered IN LCU L-57 (Yard 2098), 7th in the series of 08 such vessels to the Indian Navy on 11 Dec 19. The ship is the 103rd Warship built and delivered by GRSE so far since its inception in 1960. The Protocol of delivery and acceptance was signed between Rear Admiral VK Saxena, IN (Retd.), Chairman & Managing Director, GRSE and Commanding Officer of the Vessel, Lt. Commander V Harshvardhan, in the presence of Cmde DK Murali, CSO (Tech), HQANC, Chairman D-448, Shri SS Dogra, Director (Finance), Cmde. Sanjeev Nayyar, IN (Retd), Director (Shipbuilding) and Cmde.P R Hari, Director (Personnel) and other Senior Officials of GRSE and Indian Navy.



Launching



The 7th Landing Craft Utility, IN LCU L-57 (Yard No.2098) was Launched by Dr. Bina Bhamre, wife of Dr. Subhash Ramrao Bhamre Hon'ble Raksha Rajya Mantri, on 24 Nov 16.

Keel Laying



The Keel of the 7th Landing Craft Utility (Yard No. 2098) was laid on 31 Mar 15.

Commissioning of ICGS Annie Besant (Yard 2114)



The 2nd of the 05 Fast Patrol Vessels (FPVs), "ICGS Annie Besant" (Yard 2114) was Commissioned on 12 Jan 20 at Kolkata Port Trust by Dr. Ajay Kumar, IAS, Defence Secretary, Govt. of India. The ceremony was attended by Rear Admiral VK Saxena, IN (Retd), Chairman & Managing Director, GRSE, Cmde Sanjeev Nayyar, IN(Retd.), Director (Shipbuilding), and other senior officials of the Indian Coast Guard and GRSE.

Delivery



2nd in the series of 05 Fast Patrol Vessels (FPV), "ICGS Annie Besant" (Yard 2114) was Delivered to the Indian Coast Guard, on 05 Nov 19. The Protocol of delivery and acceptance was signed between Rear Admiral VK Saxena, IN (Retd.), Chairman & Managing Director, GRSE and Commanding Officer of the Vessel, Commandant (JG) Sunny Deo, in the presence of DIG Sudhir Sahani, TM, Principal Director (Material), Cmde, P R Hari, Director (Personnel) and Cmde. Sanjeev Nayyar, IN (Retd), Director (Shipbuilding) and other Senior Officials of GRSE and Indian Coast Guard.

Launching



The 2nd in the series of 05 Fast Patrol Vessels (FPVs), ICGS Annie Besant (Yard 2114) was Launched by Smt. Bibha Krishna, wife of Lt Gen Abhay Krishna, PVSM, UYSM, AVSM, SM, VSM, General Officer Commanding in Chief, Eastern Command on 31st Mar 18.

Keel Laying



The Keel of the 2nd of the series of 05 Water Jet Propelled Fast Patrol Vessels for Indian Coast Guard, ICGS Annie Besant was laid by GRSE on 11 Aug 17 at its Raja Bagan Dock Yard.

Commissioning of ICGS Amrit Kaur (Yard 2115)



The 3rd of the 05 Fast Patrol Vessels (FPVs), "ICGS Amrit Kaur" (Yard 2115) was Commissioned on 12 Jan 20 at Kolkata Port Trust by Dr. Ajay Kumar, IAS, Defence Secretary, Govt. of India. The ceremony was attended by Rear Admiral VK Saxena, IN (Retd), Chairman & Managing Director, GRSE, Cmde Sanjeev Nayyar, IN(Retd.), Director (Shipbuilding), and other senior officials of the Indian Coast Guard and GRSE.

Delivery



3rd in the series of 05 Fast Patrol Vessel (FPV) and the 102nd Warship, "ICGS Amrit Kaur" was Delivered to the Indian Coast Guard on 19 Nov 19. The Protocol of delivery and acceptance was signed between Rear Admiral VK Saxena, IN (Retd.), Chairman & Managing Director, GRSE and Commanding Officer of the Vessel, Commandant (JG) Himanshu Mishra, in the presence of Commandant AVW Rao, CGRPS (Kolkata), Cmde. P R Hari, Director (Personnel) and other Senior Officials of GRSE and Indian Coast Guard.

Launching



The 3rd in the series of 05 Fast Patrol Vessels (FPVs), ICGS Amrit Kaur (Yard 2115) was "Launched" by Smt Veena Naravane; wife of Lt. General Manoj Mukund Naravane, AVSM, SM, VSM, General Officer Commanding-In-Chief, Eastern Command, Indian Army on 22 Nov 18.

Keel Laying



The Keel of the 3rd of the series of 05 Water Jet Propelled Fast Patrol Vessels for Indian Coast Guard, Yard 2115 was laid on 30 Oct 17 at GRSE, Main Unit.

Launching Ceremony

ICGS Kanaklata Barua (Yard 2117), the 5th FPV

Garden Reach Shipbuilders and Engineers (GRSE) Ltd. launched the 5th Fast Patrol Vessel (FPV), “ICGS Kanaklata Barua” (Yard No.2117) on 10 Aug 19 for the Indian Coast Guard at Raja Bagan Dockyard Unit of GRSE, Kolkata. This ship is the last in the series of 05 FPVs built by GRSE. Upholding the best of maritime traditions, the ship was “Launched” by Smt. Veena Ajay Kumar, wife of Dr. Ajay Kumar, IAS, Secretary Defence (Production) who was present at the occasion as the Chief Guest. The ceremony was held in the august presence of Rear Admiral VK Saxena, IN (Retd.), Chairman and Managing Director, GRSE, Inspector General Rajan Bargotra, PTM,TM, Commander Coast Guard Region (North East) and other Senior Officials of GRSE, and Indian Coast Guard.



Keel Laying

1st Survey Vessel (Large) (Yard 3025)

GRSE, Kolkata, laid the Keel of the 1st Survey Vessel (Large) (Yard 3025) at Main Works on 08 Nov 19. The Keel was laid in the august presence of Vice Admiral Ajay Kumar Saxena, PVSM, AVSM, VSM, Controller of Warship Production & Acquisition. The occasion was graced by Rear Admiral VK Saxena, IN (Retd.), Chairman & Managing Director, GRSE, and Senior Officers of GRSE



2nd P17A Advanced Stealth Frigate (Yard 3023)

The Keel of 2nd (Yard 3023) of 03 Advanced Stealth Frigates was laid at GRSE's Main Works Unit on 24 Jan 20. The Keel was laid in the august presence of Vice Admiral G Ashok Kumar, AVSM, VSM, Vice Chief of Naval Staff. The occasion was graced by Rear Admiral VK Saxena, IN (Retd.), Chairman & Managing Director, GRSE, Senior Officers of GRSE and other senior officers of the Indian Navy led by Rear Admiral G K Harish, VSM, Director General (Naval Design).



They Said It

IG Rajan Bargotra, PTM, TM, COMCG (NE), during his visit to GRSE on 11 Apr 19



I congratulate M/s GRSE for timely delivery of first FPV of 05 FPVS project and building a state of art ship. Visit of the shipyard was quite revealing and it was encouraging to see the modernisation drive all around the shipyard. My best wishes to the CMD & his team for the success & growth of M/s GRSE.



Shri Keshari Nath Tripathi
Hon'ble Governor, West Bengal, during his visit to GRSE on 20 Apr 19



Today is a glorious day for GRSE. It coincides with the delivery of 100th ship manufactured by it. The performance of GRSE is exemplary in the country. My best wishes.



Vice Admiral Srikant, AVSM
Commandant NDC, during his visit to GRSE on 23 Apr 19



Thank you very much for a fascinating visit to the Motivational Hall. The Growth of the yard has been well captured and kept ship shape. May the yard grow from strength to strength. Good Luck



Admiral Sunil Lanba, PVSM, AVSM, VSM, ADC, Chief of the Naval Staff, during his visit to GRSE on 14 May 19



It was a pleasure to visit the shipyard. The pace of work and productivity has picked up. Also the upkeep of the yard is ship shape. Continue to work to deliver ship on schedule. Wish the yard all the very best.



They Said It

Dr. Ajay Kumar, IAS
Secretary (Defence Production), during his visit to GRSE on 10 Aug 19



A privilege to be part of launch of 5th FPV designed and developed by GRSE for Indian Coast Guard. Congratulations to Team GRSE and Coast Guard officials who have steered this project. Also extremely glad to see future plans of GRSE and launch of 2nd Ship way at Rajabagan. Wishing GRSE accelerated growth and wings to their dreams. Compliments to RAdm Saxena, CMD for providing leadership to these growth plans. Best Wishes.

[Signature]



Vice Admiral S N Ghormade, AVSM, NM
Chief of Staff, HQENC, during his visit to GRSE on 24 Sept 19



Thank you very much for the informative visit. Glad to see the program made by GRSE and the excellent work being done to provide quality and fully combat ready ship. Progress made on Kavaratti is commendable. We look forward to a Model Combat ready Kavaratti which is delivered with NIL D448 liability and complete Part IV trials. Wish the CMD and his entire Team the very best and success in all endeavour with great success in quality ship building.

[Signature]



Vice Admiral Ajay Kumar Saxena
PVSM, AVSM, VSM, CWP&A, during his visit to GRSE on 08 Nov 19



On the occasion of my last visit prior demitting office on retirement. I have been privileged to be associated with GRSE, since my days at LCdr. It was a pleasure to interact with Team GRSE as CWP&A and it was professionally very satisfying to evolve solutions to complex issues together. Since the days I have interacted, GRSE has grown from strength to strength and specifically during the last couple of years when there has been transformational changes under the leadership of RAdm V K Saxena as CMD. GRSE has many challenging projects ahead and I am certain that the Yard will come out successful in each & every endeavour. Wish you all the best.

[Signature]



Admiral Aurangzeb Chowdhury
NBP, OSP, BCGM, PCGM, BCGMS,
Chief of Naval Staff, Bangladesh Navy, during his visit to GRSE on 12 Dec 19



Very impressed to see the facilities like state of the art at VR Lab, IC technology etc. VMT for hosting our team and taking us around & showcasing the capability & capacity of GRSE. Hope to work together for a better future for the two friendly & brotherly countries. Wish everybody all the very best. May the Almighty bless us all.

[Signature]



They Said It

Shri M V Gowtama

CMD, M/s Bharat Electronics Ltd., during his visit to GRSE on 02 Jan 2020



A great experience in visiting GRSE, the most happening shipyard of India. BEL is lucky to work closely with GRSE in bringing out state of the art ships for Navy. I recollect my association of working on INS Kirpan class ships during early 90s. The change in GRSE is unbelievable and great. I wish GRSE a great success in all their future endeavours.

M V Gowtama



Vice Admiral A.K.Jain, AVSM, VSM
Flag Officer Commanding-in-Chief
Eastern Naval Command, during his visit to GRSE on 11 Jan 2020



It's always a pleasure to visit GRSE. Very glad to see modernisation efforts of the yard and the quality of ships being constructed using modern technology. Visit to Yard 3020 (Kavaratti) has been very encouraging. We are looking forward for the delivery of the ship to the Navy and Kavaratti joining the fleet at the earliest. GRSE has played an important role towards self reliance and Make in India initiative. Best wishes to the CMD & Team GRSE.

A.K.Jain



Lt. Gen. Anil Chauhan, UYSM, AVSM, SM, VSM,
GOC-in-C, HQ EASTERN COMMAND, during his visit to GRSE on 20 Jan 2020



Indigenous shipbuilding is an absolute must for any nation that aspires to be counted. GRSE is making that possible. My compliments to them. Also wish them well in all their future endeavours.

JAI HIND

Anil Chauhan



Vice Admiral G.Ashok Kumar, AVSM, VSM
Vice Chief of Naval Staff, during his visit to GRSE on 24 Jan 2020



A visit to GRSE for Keel Laying of Yard 3023, the Second P-17A has indeed been educative, to say the least. Thoroughly impressed to see the commitment and competence. Of one and all, as well as the new initiatives in a wide variety of spheres – such as infrastructure development, VR Lab, Renovation, CISF Security, better Contractor Management, Integrated Construction etc. Revival of facilities, which had deteriorated with time, is highly impressive. Keep up the great work. Navy will continue to rely on GRSE for modern and quality warship on time. Best Wishes.

G.Ashok Kumar



They Said It

Vice Admiral S.R.Sharma, AVSM, VSM, CWP&A,
during his visit to GRSE on 20 Feb 2020



Happy to see GRSE growing by leaps and bounds, and having achieved a target of delivery of 104 platforms as on 18 Feb 20. Impressive infrastructure which is keeping up the pace. Very progressive model to address future growth of load. Congratulations to the team of GRSE. Wishing you many more laurels your way and with best wishes.

S.R.Sharma



Strength does not come from physical capacity. It comes from an indomitable will.

-(Mahatma Gandhi)

They Inspire



Rear Admiral Rajiv Paralikar, AVSM, VSM, IN (Retd.), Former CMD, GRSE

It was my honour to be escorted by RAdm Saxena around the Main Works and 61 Park. GRSE is making great progress all around for a very bright future. All the best to you all in days ahead.

Rajiv Paralikar

Rear Admiral K C Sekhar, AVSM, VSM, IN (Retd.), Former CMD, GRSE

Delighted and thrilled to see the marvellous enforcements of the infrastructure and facilities. Kudos to the CMD & entire team for the all round developments and positive changes in this yard. Well done & keep it up.

K C Sekhar



Rear Admiral A K Verma, VSM, IN (Retd.), Former CMD, GRSE

Extremely happy to be back in GRSE again. Heartening to see the overall improvement in technical & administrative facilities. The shipyard truly looks state of the art modern Shipyard. Kudos to the team on crossing the milestone of delivering 100 warships to the Nation, the first one in the country.

The leadership of present CMD & hard work of the team is evident all round & augurs well for the future.

Wishing CMD & Team GRSE greater glory in future & many more milestone achievements.

GOD BLESS THE YARD.

A K Verma





Admiral Sunil Lanba, PVSM, AVSM, ADC, Chief of Naval Staff visits GRSE on 14 May 19



Defence Attache (Designates) visit GRSE on 18 Jun 19



Vice Admiral SN Ghormade, AVSM, NM, Chief of Staff, HQENC visits GRSE on 24 Sep 19



HDMC Officers at GRSE on 10 Dec 19



Admiral Aurangzeb Chowdhury, NBP, OSP, BCGM, PCGM, BCGMS, Chief Of Naval Staff, Bangladesh Navy visits GRSE on 12 Dec 19



Shri Santosh Kumar, IA & AS, Principal Director of Commercial Audit, visits GRSE on 20 Dec 19



Officers of Myanmar National Defence College visit GRSE on 21 Dec 19



Shri M.V.Gowtama, Chairman & Managing Director, Bharat Electronics Limited (BEL) visits GRSE on 02 Jan 20



IDSA Study Team visit GRSE on 10 Jan 20



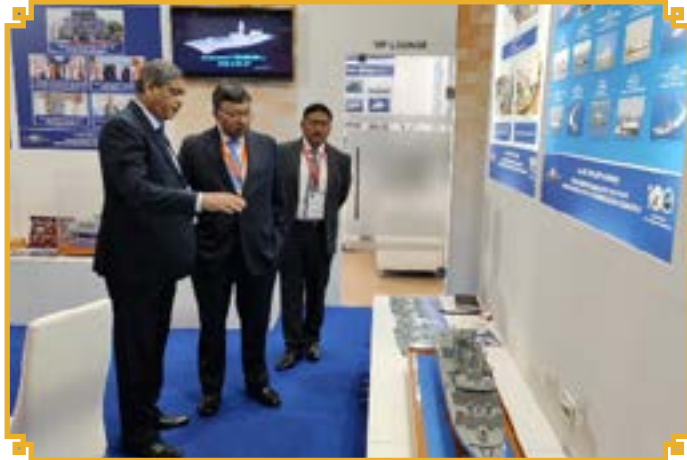
Vice Admiral A K Jain, AVSM, VSM, Flag Officer Commanding in Chief of Eastern Naval Command visits GRSE on 11 Jan 20



Lt. General Anil Chauhan, UYSM, AVSM, SM, VSM, GOC - IN - C, HQ Eastern Command visits GRSE on 20 Jan 20



DA/NA designates visit GRSE on 25 Jan 20



GRSE participated in DSEI London 2019 from 10-13 Sep 19



Rear Admiral VK Saxena, IN (Retd.), CMD GRSE at inauguration ceremony of INMEX 19 on 03 Oct 19



GRSE signed an MoU with M/s Berd, Portugal on 07 Feb 20



GRSE signed Tripartite MoU with M/s Elbit, Israel & BEL for Indigenisation of Unmanned Surface Vessel 07 Feb 20



GRSE participated in Goa Maritime Conclave 2019 (GMC-19) on 04 Oct 19



GRSE attended the 3rd Defence Industry Working Meeting at Singapore on 12 Nov 19



GRSE signed an MoU with M/s Konsberg, Israel on 07 Feb 20



Team GRSE at Colombo, showcasing GRSE Products on 06 Mar 20

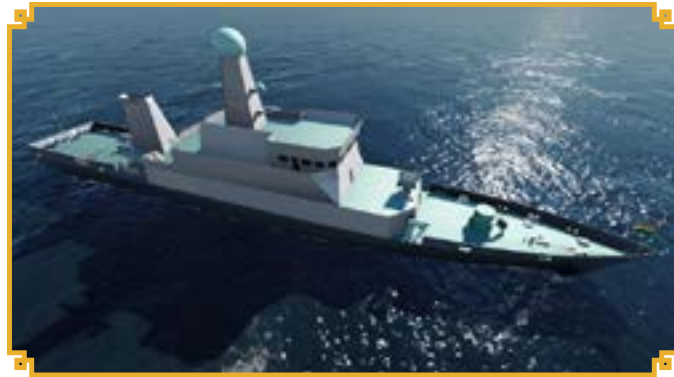


GRSE participated in D&SE Bangkok 19 from 18-21 Nov 19



GRSE participated in DSEI Japan 19 from 18-21 Nov 19

Against the Run of Play



In the emerging competitive scenario, it was a huge boost for team GRSE when the Shipyard was declared successful in the competitive bid for design, construction and supply of 08 Anti-Submarine Warfare Shallow Water Crafts (ASWSWCs) for Indian Navy.

RFP was issued by Indian Navy to DPSU Shipyards and Indian Private Shipyards in Apr 2014, with GRSE emerging as the successful bidder. The Contract was signed on 29 Apr 19 between Garden Reach Shipbuilders & Engineers Limited (GRSE) and Government of India, Ministry of Defence. The order value for these 08 vessels is Rs. 6311.32 crore.

These warships will be built as per Classification Society Rules and Naval Ship Regulations and will conform to latest MARPOL (Marine Pollution) Standards of the International Maritime Organization (IMO) and Safety of Life at Sea (SOLAS).

The design and construction of these ships at GRSE will be another significant milestone in the "Make In India" Initiative of the Govt. of India.

Vendor Meets



GRSE participated in the ICC MSME Convention- A boost to Rapid Development, on 11 & 12 Jul 19

Vendor Development Program held at GRSE on 31 Jul 19

Bridging The Gaps



It was a proud moment for GRSE in FY(18-19), having been able to erect the Bridge in Kolkata as an alternate route to Majerhat Bridge traffic in a record time of six days, with the Majerhat Bridge coming crashing down thus halting the traffic just at the onset of Durga Puja.

GRSE was once again able to cater & aid in creating the new infrastructure connecting Lake Town – Salt Lake, at the onset of Durga Puja this year to relieve the traffic congestion due to closure of the Chinrighata-bound flank of Ultadanga flyover. The job was taken up on priority to supply the bridge within record time of 12 days.

The Chairman & Managing Director of Garden Reach Shipbuilders & Engineers Ltd. (GRSE), Rear Admiral V.K. Saxena, IN (Retd.), visited the under-construction Lake Town- Salt Lake Portable Steel Bridge on 26 Sep 19 for final inspection before handing it over to the concerned authorities. Also present with him was Director (Finance), GRSE Shri SS Dogra and other senior officials of GRSE.

Lake Town - Salt Lake Connector in Kolkata



Work in Progress



On Completion

Happenings



Rear Admiral VK Saxena, IN (Retd.), CMD GRSE, speaks at Analyst Meet, Mumbai on 06 Jun 19



103rd Annual General Meeting held on 20 Sep 19



Inauguration of Power House No.2 at FOJ Unit on 22 Jun 19



Inauguration of 'Engineering Complex Central Office' at Main Unit on 27 Sep 19



Study Visit of Parliamentary Committee on the Welfare of Scheduled Castes and Scheduled Tribes on 06 Nov 19



Inauguration of Modular Office Accommodation for Officers on 07 Nov 19



GRSE's presentation to Department related Parliamentary Standing Committee on Industry on 06 Jan 20



RAAdm V K Saxena, IN(Retd),. CMD GRSE inaugurated the FAC Store at the Main Unit of GRSE on 18 Jan 20



Fire Fighting & Fire Prevention Training to CISF Personnel & Trade Apprentices at Main Unit on 26 Nov 19.



Rear Admiral VK Saxena, IN (Retd) CMD GRSE, inaugurates the 5T Boat "Ojaswi" on 09 Jan 20

Swacch Bharat Abhiyan



73rd Independence Day Celebration



Republic Day Celebration



Ambedkar Jayanti celebration on 24 Apr 19



Vigilance Awareness Week was observed from 28 to 02 Oct 19



Swachhta Sarthi Bike Rally on 02 Oct 19



Swachhta Hi Seva Campaign on 02 Oct 19



Cleanliness Drive in connection with "Swachhta Pakhwada" from 01 to 15 Dec 19





“World Environment Day” Celebration



Handing Over of Ceremonial Cheque to IICP on 07 Aug 19



MoU with Ramakrishna Mission, Belur Math on 27 Aug 19



CSR initiative in association with Ramakrishna Mission, Belur Math on 03 Dec 19



Rear Admiral VK Saxena, IN (Retd), CMD GRSE inaugurates Annual Medical Check-Up on 17 Jan 20



Blood Donation Camp on 26 Feb 20

Mobile Health Camp

GRSE had taken the unique initiative of organizing a Mobile Health Camp to cater to the basic health care facilities in the community. The Camp also aimed to create awareness of healthcare and hygiene among households, which included students, youth, men and women in under-privileged areas of Kolkata. Cmde. Sanjeev Nayyar, IN(Retd.), Director (Shipbuilding) flagged off the Mobile Health Camp – “Health on Wheels” on 28 Nov 19 from Main Unit of GRSE.



People in the areas of Kalighat, Tollygunje, Ultadanga and Duttabad, Kolkata at the Mobile Health Camp

GRSE Day Celebration

Morning Function



Lighting of the Traditional Lamp by CMD, GRSE



CMD, GRSE addressing the gathering



Director (Personnel) delivering his Speech



Musical Soiree in Progress



A Veteran being Felicitated



Prize Distribution



GRSE ians in attendance



Cultural Performance in Progress



General Manager (HR) delivering the Vote of Thanks

GRSE Day Celebration

Evening Function



Shri Keshari Nath Tripathi, Hon'ble Governor of West Bengal being briefed by Rear Admiral VK Saxena, CMD GRSE



GRSE's Annual House Journal - GRSE Varta 2019 being released



Address by CMD, GRSE



100th Warship Souvenir being released



Address by Shri Keshari Nath Tripathi, Hon'ble Governor of West Bengal



Cake Cutting by the Chief Guest, Shri Keshari Nath Tripathi, Hon'ble Governor of West Bengal and the Youngest GRSE Officer

Evening Function



Former CMDs' at the Event

GRSE Day Celebration

Cultural Extravaganza



Family Day "AHOBAN" Celebration on 02 Feb 20



CMD, GRSE encourages participants



Director (Personnel) observing busy creative minds



Enthusiastic Ladies in Participation



Future Picasos busy with their creations



Play the Moments, Pause the Memories, Rewind Happiness - A Glimpse of "Ahoban" celebration



We Aim above the Mark to Hit the Mark - Sports Prize Distribution



GRSE, 61 Park Unit, "Power House of Talent", observed Rabindra Jayanti on 11 May 19



GRSE International Yoga Day Celebration on 21 Jun 19



Ahoban organised Painting Competition for Employees on 11 Jan 20



'AHOBAN', organized an Extempore Competition on 18 Jan 2020



Grand Finale of Annual Sports 2020 on 28 Jan 20



Cafeteria at Main Unit Inaugurated on 18 Feb 20

Forum of Women In Public Sector



GRSE WIPS Cell Organizes Workshop for its Lady Employees on 18 Jan 20



Recognition of WIPS Activity Award at 30th National Meet of WIPS on 11 Feb 20

Start of a New Innings



Cmde P R Hari
IN (Retd.) Director (Personnel)

Cmde P R Hari, IN (Retd.) took charge as Director (Personnel) of Garden Reach Ship Builders & Engineers Ltd.(GRSE) on 21 Oct 19.

He joined GRSE in the year 2016 and held the position of Chief General Manager (Production Planning & Control) prior to his appointment as Director (Personnel).

He has over three decades of experience spanning 28 years of commissioned service in the Indian Navy with varied experience onboard Warships, Naval Repair Organisations and various Staff Appointments. He holds a

Bachelor's Degree in Engineering and a Master's Degree in Defence and Strategic Studies. He is also an alumnus of the Defence Services Staff College and the Naval War College.

Au Revoir

Shri A.K. Nanda
Director (Personnel)
(2016 - 2020)



Awards



ICC PSE Excellence Award 2018 in the category of "Operational Performance Excellence" on 29 Aug 19



National Awards for Excellence in Cost Management 2018 on 25 Oct 19



Felicitation of Rear Admiral V.K. Saxena, IN (Retd.), CMD, GRSE, by Quality Circle Forum of India on 23 Sep 19



GRSE Was Recognised As One Of The "Next Fortune 500 Companies Of India" on Jul 19



Scope Corporate Communication Excellence Award 2019 For "Best External Corporate Communication Campaign And Program" on 03 Aug 19



Stars of the Industry Awards for Excellence in Training & Development for "Excellence in Training & Development" and "Best Apprenticeship Programme" on 20 Dec 19



GRSE Received World CSR Day Congress Awards for "Best Corporate Social Responsibility Practices" on 18 Feb 20 and Business Leader of the Year Awards for "Corporate Social Responsibility Program of the Year" on 16 Feb 20



Governance Now PSU Awards 2019 in the categories of "Communication Outreach", "Digital PSU" & "CSR Commitment" on 19 Feb 20



Kolkata Best Employer Brand Awards 2019 For "Award of Excellence in Training" on 11 Nov 19



Recognition of WIPS Activity Award 2019 at 30th National Meet of WIPS on 11 Feb 20

70 DAYS OF ORDEAL

I performed duty in GRSE wef 23 March to 31st May 2020. Not only the Company employees but the whole country was on a Lockdown Mode. The Security Persons were motivated to perform and were issued with N95 Masks, PPEs, Sanitizers & Temperature Guns to measure their Temperature everyday twice. A slight hesitancy was felt amongst them, as the employees continued to get their Pay and Allowances, staying at home and we were vulnerable at every second, of performing our duty. They were given a Pep talk again that the Company has kept us for this day and God and Security persons are remembered only at the time of Crisis. Of course our Fauji Training is also on the line of handling Stress, at the time of Crisis. Two Additional Ambulances were arranged and kept standby, that in case if any jawan shows any symptoms he can be rushed to the Command Hospital. I was stopped by many saying "Colonel" Sahab don't venture out and your Company is the Hub and a Depot of Corona. I had the faith that whenever a GRSE Officer goes out on a task with a good motive, he is saved by the WAHE GURU. I used to do the Ardas and MOVE IN, how could i have stayed at home, while my Security Persons were deployed. Wahe Guruji ka Khalsa Shri Wahe Guruji ki Fateh and Jai Maa Kali was the JAIKARA before entering at the Gate.

Next was the Arrangements of Hired cars for the Data Centre Personnel, Finance Officers/Personnel, HR & HR Pay Roll Persons, to come to Office for payment to MSME VENDORS & Contract Labourers, was a great Challenge. The Hired Car Drivers too were Motivated and Given Masks, Sanitizers & Gloves, by which they too were convinced to perform the duty and Manager(Transport) - Shri Sandip Paul, did a Commendable job by ensuring every employee of GRSE gets a Car to perform their duties in the Lockdown.

Manager (YMS) Shri Jagdish Machrala, Senior Manager (Fire) - Shri Pranab Chakravorty and his team rose to

the Occasion and Sanitised the whole of GRSE, giving Confidence to the Employees that they are Safe to Move into GRSE.

The ESSENTIAL SERVICE PASSES, were made which was honoured and accepted by the Police Authorities & Law Enforcing Agencies, due to which the GRSE Officers could move inspite of Strict Checks and Naka Bandies. Special Thanks to Finance Department, Data Centre Employees & HR & HR Pay Roll Persons for ensuring Salary to all in Advance, by a Day.

At the same time the CSR activity of distributing COVID-19 Safety items and Dry Ration to Local Population and Police Personnel, by Team HR ie GM(HR&A), Shri Srinivas, Smt Lipi Das & Shri S Laha is Commendable.

Now, when the Company is opening, all arrangements in terms of Body Temp Checking Guns, Hand Sanitizing Automotive Dispensers, Social Distancing Roundels Marked, Auto Sanitizers Dispensers at the Gates and Tunnels are in place for the employees, to enter safely. All this was arranged during the Lockdown. Thank God, everything went off well.

Most important was the Faith in Myself, imbibed in me, during the Tenure in the ARMY & Great Experience of 10 Years in GRSE.



Col S. Anand
Chief Security Officer
&
Additional General Manager (Admin)
GRSE Ltd.

ENERGY MANAGEMENT IN DAY-TO-DAY LIFE

INTRODUCTION

With the need for improving the productivity and for meeting the day-to-day commitments, and the demand for higher performance from the workforce is ever growing. Personnel in organisations try to comply with the expectations, often by working longer hours, and in turn get tired, disengaged and sick. Therefore, in the long run, this method does not prove effective in improving the performance levels or meeting the requirements of the organisations. Towards a sustainable solution to this problem, organisations have to take a serious look on the ways and means of improving the productivity of the workforce while simultaneously ensuring their physical and mental well being.

WORK AND ENERGY

Before we contemplate more on the topic, let us get to the basic definition of work. What is Work? In physics, we say that work is done on an object when you transfer energy to the object. Therefore, we come to conclusion that energy is the most vital ingredient in accomplishing work.

Energy is the capacity of a physical system to perform work and no study on work will be complete without having a close look at the energy level of the working personnel. Also, while time is a finite resource, the energy of the personnel is renewable and in order to tap this resource, the organisations should make a conscious effort in enhancing the mental, physical and emotional resilience of the personnel.

ENHANCING THE ENERGY LEVELS

Experts have classified the personal energy of an individual under four dimensions:-

- Physical Energy
- Emotional Energy
- Mental Energy and
- Spiritual Energy

It has been proven scientifically, that the performance levels of the workforce can significantly improve by enhancing each of these categories of energy. So how do

we go about doing it? It has been proven that the energy levels of personnel can be enhanced by making simple alterations or additions to their day-to-day lifestyle.

PHYSICAL ENERGY

Physical energy is the primary and most fundamental source of energy. This is regulated by diet, exercise and sleep. The physical energy of an individual can be improved by the following:-

- Regular cardio-vascular and strength training at least five times a day.
- Following healthy eating habits like including sufficient vegetables/fruits in your diet, avoiding fast food, avoiding oily food, having meals at regular timings, etc.
- Drinking sufficient water.
- Having a regular sleeping time and reducing the consumption of alcohol.
- Taking brief but regular breaks from your desk at 90 to 120 min intervals, if you have a sedentary working routine.

EMOTIONAL ENERGY

Emotional energy is your ability to control and maintain your emotions. People with a high amount of emotional energy will be positive, enthusiastic and happy. Low amounts of this energy are the manifestations of anger, despair and frustrations, Some simple techniques to enhance your emotional energy are as follows:-

- Get rid of your negative emotions like insecurity, irritability and anxiety through techniques like meditation and deep abdominal breathing.
- Fuel positive emotions in yourself and others by regularly expressing appreciation to others through conversations, telephone calls, emails and letters.
- Having a different look at upsetting situations like putting yourself in the position of the conflicting person or trying to think what would you gain from this experience.

MENTAL ENERGY

Mental energy is your ability to concentrate, analyse and be creative. These higher level faculties basically describe the quality and clarity of your thinking. Following are found to have a positive influence on mental energy:-

- Every night, identify the most important task for the next day and make it your first priority work when you join the work next morning.
- Reduce interruptions by trying to perform high concentration jobs away from phones and emails.
- Respond to emails and voice mails at designated times during the day.

SPIRITUAL ENERGY

Spiritual energy does not refer to any religious or metaphysical type of energy but the energy we get when we are associated with purpose. The purpose in itself is very essential in our lives and is a necessary ingredient to lead a successful life. Following are some simple steps to enhance your spiritual energy:-

- Identify what you like to do most at work and enjoy doing this in the best possible manner.
- Consciously allotting time and energy to all spheres of your lives – work, family, service to others, health, etc.
- Living the core values without external demands dictating their actions.

CONCLUSION

Proper management of energy can significantly enhance the performance by the work force and the organisation. By practising the simple energy management techniques, personnel can avoid frustration and burnout in their work places. Organisations also benefit by having a fully motivated manpower. Therefore, in order to facilitate this all-inclusive growth, organisations should endeavour to invest in their people across all dimensions of their lives to help build and sustain their value. In turn, the individuals should respond by bringing their entire multi-dimensional energy whole heartedly to work every day.



Cdr Aravind Shankar IN(Retd.)
DGM(SR), GRSE Ltd.

**INTERNATIONAL WOMEN'S DAY
Celebration by an NGO**

My self, Pranab Kumar Chakraborty, Prakash Chandra Golder and Swapan Kumar Basu, some of my colleague of GRSE are part of a NGO, Thakurpukur Manobitan, focused on health, education and other social segments. This year we celebrated International Women's Day on 8th March 2020 at Vill – Bhaluka of North 24 Parganas in a little different way. In this era, lifestyle is becoming increasingly difficult and complicated. Girls and boys are losing their adolescence/ youth and becoming more like robots and machines. For leisure, playtime and enjoyment, there is no scope and time. Considering this situation, we organized a day long Children Film Exhibition jointly with another NGO – Sabar Majhe, headed by one of my colleague Prosenjit Bose. Children Film society of India extended their kind support to organize such film shows.

Children film towards women empowerment and struggle by young girl generation to overcome social barrier towards gender equality was the theme of our film show. This exhibition created great enthusiasm and moral boost up not only among local children, but also among their parents. The programme was well appreciated by dignitaries present in this show, including Local Panchayet Pradhan, IC of Local Police Station. Our aim is to organize such children film show at various remote villages to provide entertainment and education amongst underprivileged children.



Shri Partha Narayan Sardar
Manager (BD&M), GRSE Ltd.

ODE TO "ALL MOTHERS"

O mother
You have been brave
From the womb to the grave

You fought all odds
From the chances of being aborted
To the shame of bleeding and being caught

You suppressed your want for love
For the repute of your family
While your husband may have practiced multiple loves
And you... Monogamy

You took the risk of being called a thief
So that I could get a meal.
You went through such physical pain
That hardly could someone feel.

You got the best girl for me and the best husband for my sister
While still struggling with your mental sinister

O mother you fought well
And that the world will never know
A new born, a teen or old
Before every lady I should bow

O mother
You have been brave
From the womb to the grave



Shri Kumod Ranjan Jha
AM (Finance), GRSE Ltd.

GRSE Got Talent

"WHAT CORONA INDICATES - YOU & ME TO INVESTIGATE"

Seeing is believing, we all know,
But when, will open our eyes, O my bro.
Corona raining its poison,
All over the world
Lives are ending in this explosion,
Putting everything on hold.

From Wuhan to everywhere,
Corona seems to be the perpetrator
It's us, who know corona's cause
Which has put everything in pause

Trees are being cut
Biospheres are being shut
Rivers are drying
Animals are crying
Sun is going warmer
Moon is going colder.

Stop looting the planets
Stop shooting the nature's chariot
Stop crossing the barriers
Learn & follow the VEDIC dossiers.

From lockdown to knockdown
Every nook & corners seem to be
- the devil's town.
It's just a trailer
If we dare to shear the creature
It may be the terminator of nature.



Shri Raju Kumar Tiwari
JM (Tech),CMD'S Secretariat
GRSE Ltd.

ENGINEERS' CHOICE

We can die,
But can't let our machine to cry.
We don't wear tie,
Because our machines show rusty eye.

We don't wear hat,
But our helmet
Keep us always on the Everest.

We don't wear ring,
We stream over the spring.
We drive a gear,
With no any wear.

We also fond of a blazer,
To be on the page 3 of
Mumbai mirror.
Thanks to our overall.

Doctor test the blood of human
We test the blood of engine
We are passionate to be a doctor
But a diesel doctor.

We don't beg admiration
We just need an inspiration
To embark upon ambition.



Shri Raju Kumar Tiwari
JM (Tech),CMD'S Secretariat
GRSE Ltd.

THE LAND OF WAR

Standing so still and quiet
I'am here for a million years
I've seen so many wars and riots
Witnessed so much blood and tears.

People call me the land of war
Where people end up their breath
For their nation, for their people,
They end up to death

I'm tired of those pathetic wars
That snatched away everything
In a blink, a happy life.
Just turned into nothing.

They fight for me, they fight for you
Never do they cease
Each day they lose their lives
Why can't there be peace ?

They are born to love their nation,
They fight till the last
War continues day and night
Why peace ends up so fast ?

Why do we only destroy
And never build up love ?

Why are we enemies
And not just friends ?

Why are there only wars,
And the pathetic blood showers ?
There's nothing yours or mine.
The world is OURS.



Kumari Abhishikta Biswas
Daughter of Shri Abhijit Biswas,
Supervisor (S4),PP&C Department (Main)
GRSE Ltd.

PERFECT

There are speckles in the whitest clouds
And blemishes on the pigeon so white
There are spots on the beautiful moon
There is darkness below the light.

There's no fresh morning without sunset
There's no beginning without the end
As there's no one without the enemy
There's no one without a friend.

You can't have the joy of success.
Until you have the pain of failure
You can't have the joy of smiling
Until you have the stains of tear




No one's perfect no one's the best
But everyone's better in some way.
All together makes a better place
A better world to stay.

No one's perfectly beautiful
The real beauty lies within
So make the heart the best one
It's high time, lets begin.




Smt Shaswati Biswas
Wife of Shri Abhijit Biswas,
Supervisor (S4),
PP&C Department (Main)
GRSE Ltd.

Garden Reach Shipbuilders & Engineers Ltd.
EMPLOYEE OF THE MONTH MARCH, 2019

	<p>Name: SHAHNAZ KHAN Designation: STRUCTURAL FITTER (SK) Personnel No.: 495372 Department: SHIPBUILDING SHOP Unit: MAIN</p>	
	<p>Name: SEKSHAR LAHA Designation: STRUCTURAL FITTER Personnel No.: 403060 Department: BB PRODUCTION Unit: 01 PARK</p>	
	<p>Name: CHITTARANJAN GURIA Designation: FITTER (SK - II) Personnel No.: 458227 Department: MFOS Unit: RBD</p>	

Your Dedication Contributes To Our Success

Garden Reach Shipbuilders & Engineers Ltd.
EMPLOYEE OF THE MONTH MAY, 2019

	<p>Name: PRASANTA MUKHERJEE Designation: ELECTRICIAN (HSK) Personnel No.: 227508 Department: L&W Unit: MAIN</p>	
	<p>Name: ATANU KUMAR MONDAL Designation: ELECTRICIAN (SK-I) Personnel No.: 438835 Department: L&W Unit: FOJ</p>	
	<p>Name: MONAJ KUMAR MONDAL Designation: ELECTRICIAN (SK) Personnel No.: 457955 Department: L&W Unit: RBD</p>	
	<p>Name: MIHIR KUMAR GANGULY Designation: SUPERVISOR (S3) Personnel No.: 407248 Department: DKMC-TU Unit: TU</p>	



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Garden Reach Shipbuilders & Engineers Ltd.
EMPLOYEE OF THE MONTH APRIL, 2019

	<p>Name: ROBIN BANERJEE Designation: INSPECTOR (CANTEEN) (SK) Personnel No.: 219629 Department: HOT MEAL CANTEEN Unit: MAIN</p>	
	<p>Name: DIPAK KUMAR DAS Designation: ELECTRICIAN (SK-II) Personnel No.: 221096 Department: ELECTRIC MAINTENANCE (BB) Unit: 01 PARK</p>	
	<p>Name: ABU PARWEZ KHAN Designation: PIPE FITTER (HSK) Personnel No.: 458338 Department: MAINTENANCE Unit: RBD</p>	
	<p>Name: SUJIT KUMAR KHARA Designation: PIPE FITTER (HSK-II) Personnel No.: 152907 Department: PIPE SHOP Unit: FOJ</p>	

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Garden Reach Shipbuilders & Engineers Ltd.
EMPLOYEE OF THE MONTH JUNE, 2019

	<p>Name: ABHJIT BISWAS Designation: SUPERVISOR (S4) Personnel No.: 411420 Department: PP & C Unit: MAIN</p>	
	<p>Name: ABDUL HAMID Designation: BLACKSMITH (SK-I) Personnel No.: 404957 Department: UTILITY SERVICE Unit: FOJ</p>	
	<p>Name: SURAJIT SAMANTA Designation: PIPE FITTER (SK - II) Personnel No.: 486449 Department: PIPE SHOP Unit: RBD</p>	
	<p>Name: ABHAY SOM Designation: SUPERVISOR (S2) Personnel No.: 601104 Department: DKMC Unit: TU</p>	

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Garden Reach Shipbuilders & Engineers Ltd.

**EMPLOYEE OF THE MONTH
JULY, 2019**

	<p>Name: PARNAB GHOSH Designation: SERVICE MAN-IV Personnel No.: 477228 Department: STORE Unit: MAIN</p>	<p>Name: DURGA CHARAN SHAW Designation: STR. FITTER (SK-II) Personnel No.: 186668 Department: HULL OUTFIT Unit: FOJ</p>	
	<p>Name: KANCHAN MALI Designation: LASKAR-CUM-SLIPWAY CLEANER (SK) Personnel No.: 459722 Department: DOCK Unit: RBD</p>	<p>Name: JYOTIRMOY BISWAS Designation: DESIGN ASSISTANT (S4) Personnel No.: 474745 Department: CDD Unit: 61 PARK</p>	

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Garden Reach Shipbuilders & Engineers Ltd.




EMPLOYEE OF THE MONTH SEPTEMBER, 2019

	<p>Name: RUPAK DEBNATH Designation: MIC OPERATOR (SK) Personnel No.: 600340 Department: PLATE PREPARATION SHOP Unit: MAIN</p>	<p>Name: KHUDIRAM POREY Designation: PIPE FITTER (SK-I) Personnel No.: 435782 Department: PIPE SHOP Unit: FOJ</p>	
	<p>Name: TAPAN MANNA Designation: FITTER (SK) Personnel No.: 436610 Department: ASSEMBLY SHOP Unit: TU</p>		

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Garden Reach Shipbuilders & Engineers Ltd.





EMPLOYEE OF THE MONTH AUGUST, 2019

	<p>Name: SUDIP MUKHERJEE Designation: SUPERVISOR (S3) Personnel No.: 600946 Department: QA Unit: RBD</p>	<p>Name: SAMARJIT DAS Designation: SUPERVISOR (S4) Personnel No.: 444984 Department: BB PROJECT Unit: 61 PARK</p>	
	<p>Name: LAKSHMI KANTA SANA Designation: COOK Personnel No.: 192219 Department: HOT MEAL CANTEEN Unit: MAIN</p>		

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Garden Reach Shipbuilders & Engineers Ltd.

**EMPLOYEE OF THE MONTH
OCTOBER, 2019**

	<p>Name: SUKAMAL MANDAL Designation: GAS WELDER (SK-II) Personnel No.: 495741 Department: S.B. SHOP Unit: MAIN</p>	<p>Name: SUMAN MONDAL Designation: DESIGN ASSISTANT Personnel No.: 602660 Department: CDD Unit: 61 PARK</p>	
	<p>Name: SOMEN MONDAL Designation: WELDER (SK-II) Personnel No.: 486174 Department: SBS Unit: RBD</p>	<p>Name: SUBHABRATA CHOWDHURY Designation: ELECTRONICS FITTER (SK) Personnel No.: 601075 Department: LAW Unit: FOJ</p>	

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Garden Reach Shipbuilders & Engineers Ltd.

EMPLOYEE OF THE MONTH NOVEMBER, 2019

	<p>Name: SRIKANTA PATTRA Designation: SUPERVISOR (S3) Personnel No.: 601111 Department: PP SHOP Unit: MAIN</p>	<p>Name: SUMIT NANDI Designation: SIMAN - II (SK) (COMP. OPTR.) Personnel No.: 495425 Department: GM(FOJ)'s OFFICE Unit: FOJ</p>	
	<p>Name: SUNIL KUMAR MONDAL Designation: FITTER (SK-II) Personnel No.: 458057 Department: MFOS Unit: RBD</p>	<p>Name: JOYDEEP DUTTA Designation: SUPERVISOR (S3) Personnel No.: 601055 Department: BAILEY BRIDGE Unit: 61 PARK</p>	

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Garden Reach Shipbuilders & Engineers Ltd.


EMPLOYEE OF THE MONTH JANUARY, 2020

	<p>Name: BISWARUP MUKHERJEE Designation: OFFICE ASSISTANT (GRADE-II) Personnel No.: 436567 Department: GM (FOJ)'s OFFICE Unit: FOJ</p>	<p>Name: GORA CHAND DAS Designation: ELECTRICIAN (SK-II) Personnel No.: 457809 Department: ELECTRICAL MAINTENANCE DEPT. Unit: RBD</p>	
	<p>Name: SUSANTA KUMAR BAL Designation: PIPE FITTER (SK-II) Personnel No.: 486204 Department: PIPE SHOP Unit: MAIN</p>		

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Garden Reach Shipbuilders & Engineers Ltd.





EMPLOYEE OF THE MONTH DECEMBER, 2019

	<p>Name: MINAKSHI MAJI Designation: PEON Personnel No.: 477743 Department: HR-TIME OFFICE Unit: FOJ</p>	<p>Name: KISHOR CHANDRA BEHURIA Designation: SERVICEMAN-IV (PG) Personnel No.: 479183 Department: PAINT SHOP Unit: RBD</p>	
	<p>Name: SUDIP MAITI Designation: INSPECTOR-I Personnel No.: 436665 Department: QUALITY ASSURANCE Unit: MAIN</p>		

Your Dedication Contributes To Our Success

Garden Reach Shipbuilders & Engineers Ltd.

EMPLOYEE OF THE MONTH FEBRUARY, 2020

	<p>Name: SAMPA DAS NASKAR Designation: COMPUTER OPERATOR (SM-II) Personnel No.: 486461 Department: N. C. M. (PD) Unit: MAIN</p>	<p>Name: AMAR GHOSH Designation: OFFICE ASSISTANT (GRADE-II) Personnel No.: 421790 Department: GM (FOJ)'s OFFICE Unit: FOJ</p>	
	<p>Name: SANTANU NANDY Designation: SUPERVISOR (S3) Personnel No.: 601098 Department: QA Unit: RBD</p>	<p>Name: SOU MEN RAY Designation: OFFICE ASSISTANT (GRADE-II) Personnel No.: 600273 Department: HR Unit: 61 PARK</p>	

Your Dedication Contributes To Our Success

Quotable Quotes



Garden Reach Shipbuilders & Engineers Ltd.

 <p>Name: MANAS KUMAR GIRI Designation: ELECTRICIAN (SK-II) Personnel No.: 457844 Department: CIVIL MAINTENANCE Unit: FOJ</p>	 <p>Name: SUSMITA NASKAR Designation: PEON Personnel No.: 473484 Department: ES DEPARTMENT Unit: MAIN</p>
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**EMPLOYEE OF THE MONTH
MARCH- 2020**

 <p>Name: MONOJ KUMAR ROY Designation: FITTER (SK-II) Personnel No.: 480139 Department: MFOS Unit: RBO</p>	 <p>Name: SAMARJIT DAS Designation: SUPERVISOR (S4) Personnel No.: 444984 Department: BAILEY BRIDGE Unit: 81 PARK</p>
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Your Dedication Contributes To Our Success

WELL DONE!



*May today's success be the beginning of tomorrow's achievements.
Congratulations!!*

- *"The Pessimist Sees Difficulty In Every Opportunity.*
- *"Don't Let Yesterday Take Up Too Much Of Today."*
- *"If You Are Working On Something That You Really Care About, You Don't Have To Be Pushed.*
- *"People Who Are Crazy Enough To Think They Can Change The World, Are The Ones Who Do."*
- *"Failure Will Never Overtake Me If My Determination To Succeed Is Strong Enough."*
- *"Knowing Is Not Enough; We Must Apply. Wishing Is Not Enough; We Must Do."*
- *Great Things Never Come From Comfort Zones*
- *Ambition Is The Path To Success. Persistence Is The Vehicle You Arrive In*
- *You Are Always Stronger And More Resourceful Than You Give Yourself Credit For*

News Flash

GRSE's Q2 net profit jumps four-fold to Rs 59 cr
Kolkata, Oct 31 (PTI) Defence PSU Garden Reach Shipbuilders

GRSE signs strategic collaborations at BAPFPO 2020
Garden Reach Shipbuilders & Engineers Ltd signed an MoU with SES (Spain), Portugal to explore and identify synergies and partnerships to strengthen the bridge market in India and neighbouring countries. The MoU was signed by Chairman & Managing Director GRSE, Rear Admiral M. S. Ghosh and SES's CEO, Juan Carlos, Vice President, Sales and Marketing of SES's Iberia.

GRSE delivers 101st warship

Second in the series of five FPVs



GRSE's Voyage to the Centennial Warship & Beyond

The Garden Reach Shipbuilders & Engineers Ltd (GRSE) began its centennial voyage in 1960, when it was established as a public sector enterprise. Over the years, it has grown into a major shipbuilding and engineering company in India. The centennial voyage is a testament to the company's resilience and growth over six decades.

GRSE delivers 99th & 100th Warships

First Indian shipyard to deliver 100 warships



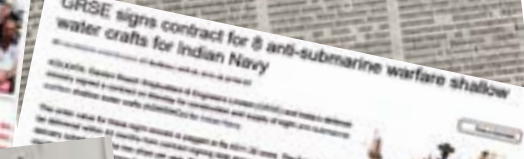
GRSE stages moksha natak on Warships Ekta



Gandhi Jayanti: GRSE organises Swachhta Sathi Bike Rally



GRSE signs contract for 8 anti-submarine warfare shallow water crafts for Indian Navy



GRSE CSR initiative in Association with Ramakrishna Mission, Belur Math



GRSE has undertaken a CSR project to bring about physical, mental and intellectual development of children who are deprived of basic necessities like food, nutrition, clothing, shelter and education. The project is being implemented in association with Ramakrishna Mission, Belur Math. The project aims to provide a better quality of life for these children and help them reach their full potential.

जीआरएसई ने मनाया फैमिली डे 'आह्वान'



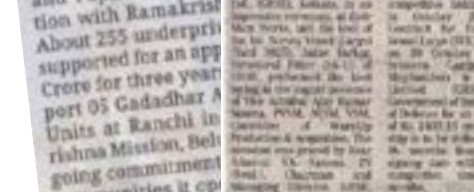
कोलकाता. जीआरएसई ने अपने 60वें जन्मदिन के अवसर पर 'आह्वान' कार्यक्रम मनाया. इस कार्यक्रम में कंपनी के कर्मचारियों और उनके परिवारों को शामिल किया गया. कार्यक्रम में बच्चों को खेल और मनोरंजन के माध्यम से शिक्षित किया गया. जीआरएसई ने बच्चों को खेल और मनोरंजन के माध्यम से शिक्षित किया. जीआरएसई ने बच्चों को खेल और मनोरंजन के माध्यम से शिक्षित किया.

GRSE Launches Last in Series of 5 FPVs 'Yard 2117' for Indian Coast Guard



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has launched the last in a series of five Fast Patrol Vessels (FPVs) for the Indian Coast Guard. The vessel, named 'Yard 2117', is a modern and advanced patrol vessel. The launch ceremony was held at the Garden Reach Shipyard. The vessel is expected to be commissioned in the near future.

GRSE Lays Keel of 1st Survey Vessel Large (Yard 3025)



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has laid the keel of its first large survey vessel, Yard 3025. The vessel is a modern and advanced survey vessel. The keel laying ceremony was held at the Garden Reach Shipyard. The vessel is expected to be commissioned in the near future.

GRSE Announces Q2 Results, Registers 19% Increase in PAT Y-o-Y



Garden Reach Shipbuilders & Engineers Ltd (GRSE) has announced its Q2 2020 financial results. The company has registered a 19% increase in PAT (Profit After Tax) compared to the same quarter last year. The increase is attributed to higher sales and improved operational efficiency. The company is optimistic about its performance in the coming quarters.

GRSE constructs portable steel bridge in record time



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has constructed a portable steel bridge in record time. The bridge is a modern and advanced structure. The construction was completed in a matter of weeks. The bridge is now ready for use and will provide a significant improvement in connectivity in the area.

GRSE observes 'Swachhta Pakhwada' and creates Cleanliness Awareness



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has observed 'Swachhta Pakhwada' to create cleanliness awareness among its employees and the community. The event was held at the Garden Reach Shipyard. The event was a success and created a positive impact on the community.

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नौसेना स्टाफ के प्रमुख ने किया जीआरएसई का दौरा



The Chief of Naval Staff (CNS) visited the Garden Reach Shipbuilders & Engineers Ltd (GRSE) to inspect the progress of various projects. The visit was a success and the CNS expressed his satisfaction with the work done by GRSE. The visit also provided an opportunity for the CNS to interact with the employees of GRSE.

GRSE, 1st Indian Shipyard to deliver 103 Warships since 1960



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has delivered its 103rd warship since 1960. The warship is a modern and advanced vessel. The delivery ceremony was held at the Garden Reach Shipyard. The warship is now being commissioned into the Indian Navy.

GRSE SAILS @60



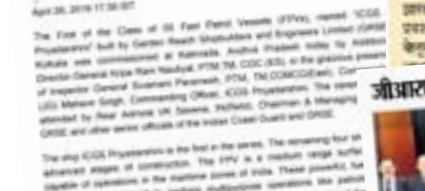
The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has celebrated its 60th anniversary. The company has grown significantly over the past six decades and has become a major player in the shipbuilding and engineering industry in India. The company is looking forward to a bright future.

GRSE observes "Swachhta Pakhwada" and creates Cleanliness Awareness



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has observed 'Swachhta Pakhwada' to create cleanliness awareness among its employees and the community. The event was held at the Garden Reach Shipyard. The event was a success and created a positive impact on the community.

GRSE: Fast Patrol Vessels "KGS Priyadarshini" Commissioned



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has commissioned its first Fast Patrol Vessel (FPV), 'KGS Priyadarshini'. The vessel is a modern and advanced patrol vessel. The commissioning ceremony was held at the Garden Reach Shipyard. The vessel is now being deployed to the Indian Coast Guard.

जीआरएसई ने रामकृष्ण मिशन, बेलूरमठ के साथ किया समझौता



कोलकाता. जीआरएसई ने रामकृष्ण मिशन, बेलूरमठ के साथ एक समझौता किया. इस समझौते के तहत जीआरएसई बच्चों को खेल और मनोरंजन के माध्यम से शिक्षित करेगा. यह एक महत्वपूर्ण पहल है जो बच्चों के भविष्य के लिए है. जीआरएसई बच्चों को खेल और मनोरंजन के माध्यम से शिक्षित करेगा.

जीआरएसई के कुल लाभ में 40 प्रतिशत की वृद्धि



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has reported a 40% increase in its total profit for the quarter. This is a significant achievement and is a testament to the company's strong performance. The increase is attributed to higher sales and improved operational efficiency. The company is optimistic about its performance in the coming quarters.

GRSE Announces Q2 Results, Registers 19% Increase in PAT Y-o-Y



Garden Reach Shipbuilders & Engineers Ltd (GRSE) has announced its Q2 2020 financial results. The company has registered a 19% increase in PAT (Profit After Tax) compared to the same quarter last year. The increase is attributed to higher sales and improved operational efficiency. The company is optimistic about its performance in the coming quarters.

GRSE constructs portable steel bridge in record time



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has constructed a portable steel bridge in record time. The bridge is a modern and advanced structure. The construction was completed in a matter of weeks. The bridge is now ready for use and will provide a significant improvement in connectivity in the area.

GRSE Lays Keel of 2nd Advanced Stealth Frigate Prestigious Project 17A



The Garden Reach Shipbuilders & Engineers Ltd (GRSE) has laid the keel of its second advanced stealth frigate, Project 17A. The frigate is a modern and advanced vessel. The keel laying ceremony was held at the Garden Reach Shipyard. The frigate is expected to be commissioned in the near future.



Handing Over of Dividend
Cheque 2018-19 on 10 Feb 20

103rd Annual General
Meeting held on 20 Sep 19



Design, Concept & Editing: CP&CC Department
Garden Reach Shipbuilders & Engineers Ltd.
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