



Guiding Spirit to Shipping Industry

# Sagar Sandesh

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## IMU signs MOUs with BW LPG for Female Cadets Scholarships and with Capt. KN Ramesh, MARTRADE for Best Cadets Merit Awards

**I**ndian Maritime University (IMU) signed on 21st April 2023, a Memorandum of Understanding (MOU) with BW Global United India to provide 50 Scholarships for Female Cadets and MOU with Capt. K. N. Ramesh, Master Mariner, MARTRADE for the KRA Narasih Mery Awards to the best IMU Engine and Deck

support. The scholarships cover all academic fees and guarantee placement at Synergy Ship Management, the Company's ship manager, to complete their onboard apprenticeship.

Representing IMU and BW LPG India were the Vice Chancellor of IMU Dr. Malini V Shankar I.A.S. (Retd) and Captain Gaurav Bhatia Director BW LPG India. During the signing ceremony, BW LPG India presented selected female cadets with their Letters of Offer, who were pursuing a degree in Marine Engineering, the names were Cadet Arya V.S, Cadet Hifa Salim, Cadet Khushi Chaurasiya, Cadet Pranika, Cadet Dhanavath Pavani and Cadet Shreya Hanumant Chalwadi.

Says Dr. Shankar, "BW LPG India is a Shipping Company with a strong global presence, and it has given a great opportunity to the girl students of IMU and has set an example for the Shipping Industry to emulate. We hope that in the future, BW LPG India will partner us in various efforts under research verticals also. We hope our students who have been given offer letters today shall make IMU proud by becoming Brand Ambassadors for IMU in the Shipping Industry."

Says Captain Bhatia, "This Memorandum of Understanding further strengthens our partnership between BW LPG India and the IMU. IMU is an important and leading maritime university in



Female Cadets receiving offer letter from Capt. Gaurav Bhatia, Director BW LPG India

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Dr Malini Shankar VC IMU & Capt. Gaurav Bhatia Director BW LPG India

### Cadets.

Since 2021, BW LPG India, India's largest owner, and operator of Very Large Gas Carriers (VLGCs), has provided scholarships to female cadets studying at IMU who have enrolled in the four-year B.Tech (Marine Engineering) or the three-year B.Sc (Nautical Science) degrees. From this year, female cadets enrolled in the one-year Diploma in Nautical Science courses will also be eligible for the scholarship – thereby offering an industry-first sponsorship which also includes full financial

## Perfection takes practice

### And a time-tested recipe

Getting your goods to market on time, in the right quantities and in good shape is easy when you have the right ingredients. GAC's contract logistics and value-added services are stacked with hard-won wisdom that we're happy to share with you. Come and cook something up with us.

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## IMU signs MOUs with BW LPG for Female Cadets Scholarships..... From Page : 1



Dr Malini Shankar VC, K Saravanan Registrar IMU-HQ, Robert Roche MARTRADE & Dr R.Balaji, Director IMU-Chennai

India, and we are committed shared interests in nurturing to a long and meaningful future generations of seafarers.” collaboration to advance our Capt. K.N. Ramesh, Master

Mariner, MARTRADE sponsored **MERIT AWARDS for the best Engine and Deck Cadets of IMU, Chennai Campus every year for the next 3 years** and the said Award to be named in his father's name- **K.R.A NARASIAH MERIT AWARDS, MOU was signed.** The MOU states:

1. **Shri. K.R.A. Narasiah Merit Awards** will be announced and distributed on **25th June of every year (being the Day of Seafarer)** for the best Engine and Deck Cadets of IMU, Chennai Campus **for the next 3 years.**

2. Total amount of **Rs. 2,00,000 (Rupees Two Lakhs) per year** will be the amount to be utilized for

distributing Shri. K.R.A. Narasiah Merit Awards.

3. The guidelines for conducting Shri. Narasiah Marine Heritage, History Quiz shall be as per the requirement.

### About BW LPG India

BW LPG India was established in 2017 and is India's largest owner and operator of Very Large Gas Carriers (VLGCs). The Company's vessels are maintained to international standards and are ready to serve customers safely and efficiently. BW LPG India is a subsidiary of BW LPG, the world's leading owner, and operator of LPG vessels, owning and operating VLGCs with a total carrying capacity of over 3 million CBM. More information about BW LPG India can be found at [www.bwlpindia.com](http://www.bwlpindia.com).

## Case Study on Running Live Drone Delivery Route in Nizamabad- By DRONECO

**D**RONECO started identifying the locations where connectivity was still not resolved. After going through the data, DRONECO undertook the project to connect Nizamabad's location to nearby villages and cities for express deliveries.

**the project to deliver medicines and clinical items to the hospitals from the warehouse in Nizamabad.**

### Operation details:

The main warehouse has been set up in Nizamabad where all the medical supplies have been stored. During the

route exploration, it was understood that deliveries of medical items in many areas take 4 hours on average. **In some cases, same-day delivery was not possible because of poor road connectivity. Thus, it became a challenge to deliver medical goods on time to hospitals, especially in cases of medical emergencies.**

DRONECO, after interacting with the medical vendors and hospitals, defined routes to start serving the community at a faster pace. **The average TAT to deliver goods in these locations came down to 39.4 minutes.** This ensured not only a faster delivery of emergency items but also helped save lives in medical emergencies.

**The operations are defined after collaborating with close to 45 hospitals in these regions.**

DRONECO provided a solution, where goods are picked up directly from the warehouse and delivered directly to the hospitals. Take-off and landing locations

are marked on either the rooftop of hospitals or at a radius of 2 Kms from the hospitals if landing space is not available within the hospital's premises. The drones are used to transfer the goods from the warehouse to the hospitals.

After marking the take-off and landing locations, drones are loaded with goods. Once the receiver location is received, the mission is defined for the drone with the help of UTM. The details are fed into the system, and the final path for the drone is defined by UTM and created in-house. UTM checks and identifies the red, yellow, and green zones and creates a path to fly. If permission is not received for the drone to fly in the red zone, an altered path is defined by the system. The entire path-defining process is automated by the software to avoid any human error. Once the path is finalized, the drone initiates a health check-up, which defines whether it is fit to complete the mission or not. The data is shared with the UTM, which ensures the drone is fit to complete the mission.

Once the green signal is received from the UTM and drone operator, the drone is ready to take off.

Real-time drone monitoring is done through UTM and the drone pilot. The drone pilot ensures the drone is at the right height and on the right path during the operation. The entire flight is automated. DRONECO follows level 5 automation for the operations. This eliminates human error in BVLOS missions. Also, the drone's health is shared on a real-time basis with the drone operator through UTM. In case of emergencies, the drone can be switched from autopilot to manual mode. This ensures an additional layer of safety during the operations.

The route was made operational on 18th November 2022. After starting the routes, on average, 9 deliveries are completed daily. The first delivery was done from Nizamabad to Yedapally. Post this, more hospitals were connected and deliveries were completed.

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