

# Gaganyaan Recovery Training Plan

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**Context-** The Indian Naval force and the Indian Space Research Organization (ISRO) have delivered the Gaganyaan Recovery Training Plan at INS Garuda in Kochi.

## **Key Highlights**

- The training plan for the Gaganyaan mission's crew module recovery is outlined in this document.
- Divers, MARCOs (marine commandos), medical specialists, communicators, technicians, and naval aviators, as well as divers and MARCOs (marine commandos), are all included in this document.
- The recovery training plan is arranged in steady stages beginning from automated recuperation to monitored recuperation preparing in harbor and vast ocean conditions.

## **About the Gaganyaan Mission**

- The Gaganyaan mission aims to demonstrate the capability of safely landing three crew members in either the Bay of Bengal or the Arabian Sea after being launched into low earth orbit.
- Low-Earth Orbit (frequently known as LEO) incorporates Earth-focused circles with a height of 2,000 km or less.
- **Objective:** to demonstrate indigenous capability for sending humans into space via LEO missions.
- **Launch Vehicles:** The Gaganyaan mission's launch vehicle is the Launch Vehicle Mark-3 (LVM3).
  - The LVM3 launch vehicle's human rating-compliant reconfiguration of all systems earned it the name "Human Rated LVM3" (HLVM3).

## **Advantages of the Gaganyaan Mission**

- The following are some of its intangible and tangible advantages for the nation:
  - Progress towards a maintained and reasonable human and mechanical program to investigate the planetary group and then some.
  - capability with cutting-edge technology for carrying out human space exploration, sample return missions, and scientific research.
  - Future capability to actively participate in the development of the global space station and to carry out scientific experiments of national interest.
  - Through the sharing of challenging and peaceful goals, the program will strengthen international partnerships and global security.
  - a lot of room for creating jobs and improving human resources in advanced science and research and development activities.