



## Editorial

Prelude to **GAGANYAAN** programme, ISRO successfully demonstrated Crew Escape System at launch pad condition which is the first in a series of various qualification tests. Crew Escape System is conceived to ensure the safety of the crew in case of any unforeseen exigency within the atmospheric flight regime of Human rated Launch Vehicle. The Crew Escape System is designed for quickly pulling the crew module along with the astronauts to a safe distance from the launch vehicle in the event of an abort scenario.

It is rather well known that undertaking human space flight in a rocket is inherently risky and therefore the Launch Vehicle needs to be highly reliable with sufficient safety margins and adequate redundancy features in vehicle systems.

The Special issue covers various aspects of the development of Escape System for GAGANYAAN with contributions of papers from Scientists and Engineers of ISRO-VSSC, DRDO, IIST and the team.

The Editorial Committee considered all the ten papers received and put a thorough review process before deciding to accept them. On behalf of the Editorial Committee, we take pleasure in thanking all the authors for their contribution, patient cooperation and support in finalising the publication.

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