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## Upgraded Vikas Engine to Boost ISRO's Rockets

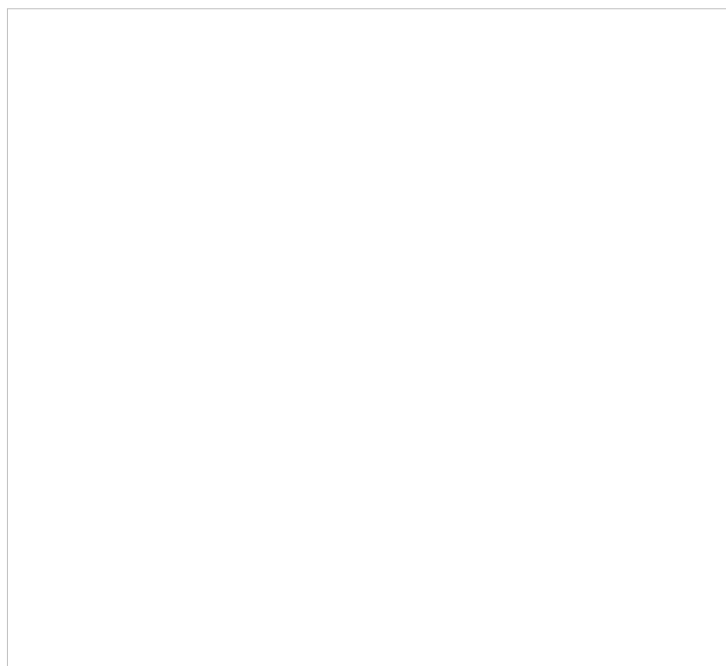
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 [drishtiias.com/printpdf/upgraded-vikas-engine-to-boost-isros-rockets](https://drishtiias.com/printpdf/upgraded-vikas-engine-to-boost-isros-rockets)

ISRO recently improved the thrust of the Vikas engine that powers all three of Indian Satellite Launch Vehicles – PSLV, GSLV and GSLV Mk-III

### Key Highlights

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- The high-thrust Vikas engine qualified after a ground test lasting 195 seconds (over three minutes) that will improve the payload capability of India's space launch vehicles.
- The main beneficiary of Vikas engine will be the GSLV-Mark III launcher, as the engine will help ISRO to put 4,000-kg satellites to space.
- However, ISRO will eventually phase out Vikas engine by replacing it with a cleaner and safer semi-cryogenic engine that is being developed.