

NASA के प्रमुख मिशन: 2025–2026

MAJOR NASA MISSIONS: 2025–2026

तिथि Date	मिशन Mission	प्रकार Type	मुख्य उद्देश्य / परिणाम Key Objective / Result
15 जनवरी / 2 मार्च 2025 15 Jan / 2 Mar 2025	Blue Ghost Mission 1 Blue Ghost Mission 1	CLPS चंद्र मिशन CLPS lunar mission	Firefly Aerospace का commercial lunar lander, जो NASA के 10 science/technology payloads लेकर गया। 2 मार्च को Mare Crisium में सफल soft landing और 14+ दिन surface operations। A Firefly Aerospace commercial lunar lander carrying 10 NASA science and technology payloads. It achieved a successful soft landing in Mare Crisium on 2 March and operated for more than 14 days.
26 फरवरी / 6 मार्च 2025 26 Feb / 6 Mar 2025	IM-2 / Athena IM-2 / Athena	CLPS चंद्र दक्षिण ध्रुव मिशन CLPS lunar south-pole mission	Intuitive Machines का commercial mission, जिसमें NASA के science instruments और PRIME-1 drilling experiment थे। लैंडर चंद्र सतह पर पहुँचा, लेकिन एक ओर झुक गया; सीमित डेटा मिला और mission शीघ्र समाप्त हुआ। A commercial Intuitive Machines mission carrying NASA science instruments and the PRIME-1 drilling experiment. The lander reached the lunar surface but came to rest on its side; limited data were received before the mission ended.
11 मार्च 2025 11 March 2025	SPHEREx SPHEREx	अंतरिक्ष दूरबीन Space telescope	पूरे आकाश का infrared spectral survey; ब्रह्मांड के विकास, आकाशगंगाओं तथा जीवन के लिए आवश्यक ingredients का अध्ययन। SpaceX Falcon 9 से सफल प्रक्षेपण। An infrared all-sky spectral survey mission studying cosmic evolution, galaxies and ingredients essential for life. Successfully launched aboard a SpaceX Falcon 9.
11 मार्च 2025 11 March 2025	PUNCH PUNCH	सौर-भौतिकी constellation Heliophysics constellation	चार छोटे satellites का mission, जो सूर्य के corona से solar wind बनने और space weather के विकास का अध्ययन करता है। SPHEREx के साथ लॉन्च। A four-small-satellite mission studying how the solar corona becomes the solar wind and how space weather evolves. Launched with SPHEREx.
25 जून–15 जुलाई 2025 25 June–15 July 2025	Axiom Mission 4 (Ax-4) Axiom Mission 4 (Ax-4)	Private Astronaut / ISS Mission Private Astronaut / ISS Mission	Axiom Space का चौथा private astronaut mission, जिसे SpaceX Falcon 9 और Dragon से ISS भेजा गया। ISRO गगनयात्री ग्रुप कैप्टन शुभांशु शुक्ला mission pilot थे। मिशन 18 दिन चला और 15 जुलाई 2025 को splashdown हुआ। यह NASA-owned mission नहीं था; NASA ने ISS access और mission support प्रदान किया। Axiom Space's fourth private astronaut mission, launched to the ISS aboard a SpaceX Falcon 9 and Dragon. ISRO Gaganyatri Group Captain Shubhanshu Shukla served as pilot. The mission lasted 18 days and splashed down on 15 July 2025. It was not a NASA-owned mission; NASA provided ISS access and mission support.

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14 मार्च 2025 14 March 2025	SpaceX Crew-10 SpaceX Crew-10	Commercial Crew / ISS Commercial Crew / ISS	चार अंतरिक्ष यात्रियों को International Space Station पर दीर्घकालीन science expedition के लिए भेजा गया। यह NASA Commercial Crew mission था, launch provider SpaceX था। Four astronauts were sent to the International Space Station for a long-duration science expedition. It was a NASA Commercial Crew mission launched by SpaceX.
30 जुलाई 2025 30 July 2025	NISAR NISAR	NASA-ISRO संयुक्त Earth observation NASA-ISRO joint Earth observation	L-band और S-band dual-frequency Synthetic Aperture Radar वाला संयुक्त मिशन; भूमि, हिम, वनस्पति, जल और surface deformation का अध्ययन। ISRO के GSLV-F16 से लॉन्च। A joint mission using L-band and S-band dual-frequency Synthetic Aperture Radar to study land, ice, vegetation, water and surface deformation. Launched by ISRO's GSLV-F16.
16 नवम्बर 2025 16 November 2025	Sentinel-6B Sentinel-6B	समुद्र-स्तर मापन मिशन Sea-level monitoring mission	NASA, ESA, EUMETSAT और NOAA का संयुक्त मिशन; वैश्विक समुद्र-स्तर, waves और ocean conditions को मापना। SpaceX Falcon 9 से सफल प्रक्षेपण। A joint NASA, ESA, EUMETSAT and NOAA mission to measure global sea level, waves and ocean conditions. Successfully launched aboard a SpaceX Falcon 9.
1-10 अप्रैल 2026 1-10 April 2026	Artemis II Artemis II	Crewed lunar flyby Crewed lunar flyby	चार अंतरिक्ष यात्रियों के साथ Orion का लगभग 10-दिवसीय crewed lunar flyby। यह 50 से अधिक वर्षों में पहली crewed Moon-vicinity mission और Orion की पहली crewed flight थी। A nearly 10-day crewed lunar flyby aboard Orion with four astronauts. It was the first crewed mission near the Moon in more than 50 years and Orion's first crewed flight.
12 मई 2026 12 May 2026	SpaceX CRS-34 SpaceX CRS-34	ISS cargo resupply ISS cargo resupply	International Space Station के लिए 6,400 पाउंड से अधिक cargo और scientific payloads भेजे गए। यह NASA Commercial Resupply Services mission था। More than 6,400 pounds of cargo and scientific payloads were sent to the International Space Station under NASA's Commercial Resupply Services program.
30 मार्च और 7 जुलाई 2026 30 Mar and 7 Jul 2026	R5 Small Spacecraft R5 Small Spacecraft	Technology demonstration Technology demonstration	NASA Small Spacecraft Technology program के R5 satellites को Transporter rideshare missions पर launch किया गया; rapid, low-cost, higher-risk technology demonstrations के लिए। R5 satellites under NASA's Small Spacecraft Technology program were launched on Transporter rideshare missions for rapid, low-cost, higher-risk technology demonstrations.

3. NASA के आगामी प्रमुख मिशन

MAJOR UPCOMING NASA MISSIONS

मिशन Mission	समय-सीमा Timeline	मुख्य उद्देश्य / स्थिति Objective / Status
Nancy Grace Roman Space Telescope Nancy Grace Roman Space Telescope	30 अगस्त 2026 लक्षित Targeted for 30 August 2026	Dark energy, exoplanets और infrared universe का wide-field survey। NASA schedule के अनुसार SpaceX Falcon Heavy से launch लक्ष्य। A wide-field survey mission for dark energy, exoplanets and the infrared universe. NASA's schedule targets launch aboard a SpaceX Falcon Heavy.
Astrobotic Griffin-1 CLPS Astrobotic Griffin-1 CLPS	July 2026 से पहले नहीं No earlier than July 2026	चंद्र सतह पर NASA payloads की commercial delivery; final launch timing mission readiness पर निर्भर। Commercial delivery of NASA payloads to the lunar surface; final timing depends on mission readiness.
SunRISE SunRISE	2026 2026	छह small satellites के माध्यम से सूर्य से आने वाले radio bursts का 3D अध्ययन, ताकि space weather को बेहतर समझा जा सके। A six-small-satellite mission to create 3D observations of solar radio bursts and improve understanding of space weather.
Intuitive Machines IM-3 Intuitive Machines IM-3	2026 2026	NASA CLPS के तहत lunar science और technology payloads की अगली commercial delivery। The next commercial delivery of lunar science and technology payloads under NASA's CLPS initiative.
Blue Ghost Mission 2 Blue Ghost Mission 2	2026 2026	चंद्र far side पर तीन NASA CLPS science payloads की delivery और lunar communication/science demonstration। Delivery of three NASA CLPS science payloads to the lunar far side, supporting lunar communications and science demonstrations.
Artemis IV / First Artemis Lunar Landing Artemis IV / First Artemis Lunar Landing	Early 2028 लक्ष्य Targeted for early 2028	NASA ने early 2028 को first Artemis lunar landing के लिए target बताया है; Orion, commercial lunar lander और lunar surface operations शामिल होंगे। NASA targets early 2028 for the first Artemis lunar landing, involving Orion, a commercial lunar lander and lunar surface operations.